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Series Special Reports
Commercial Farming

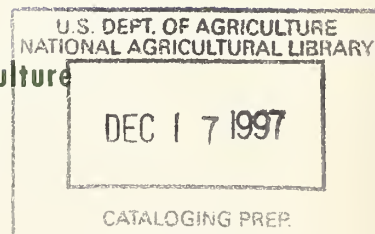
FARM COSTS and RETURNS

commercial farms
by type, size,
and location

Northern Plains 70-75
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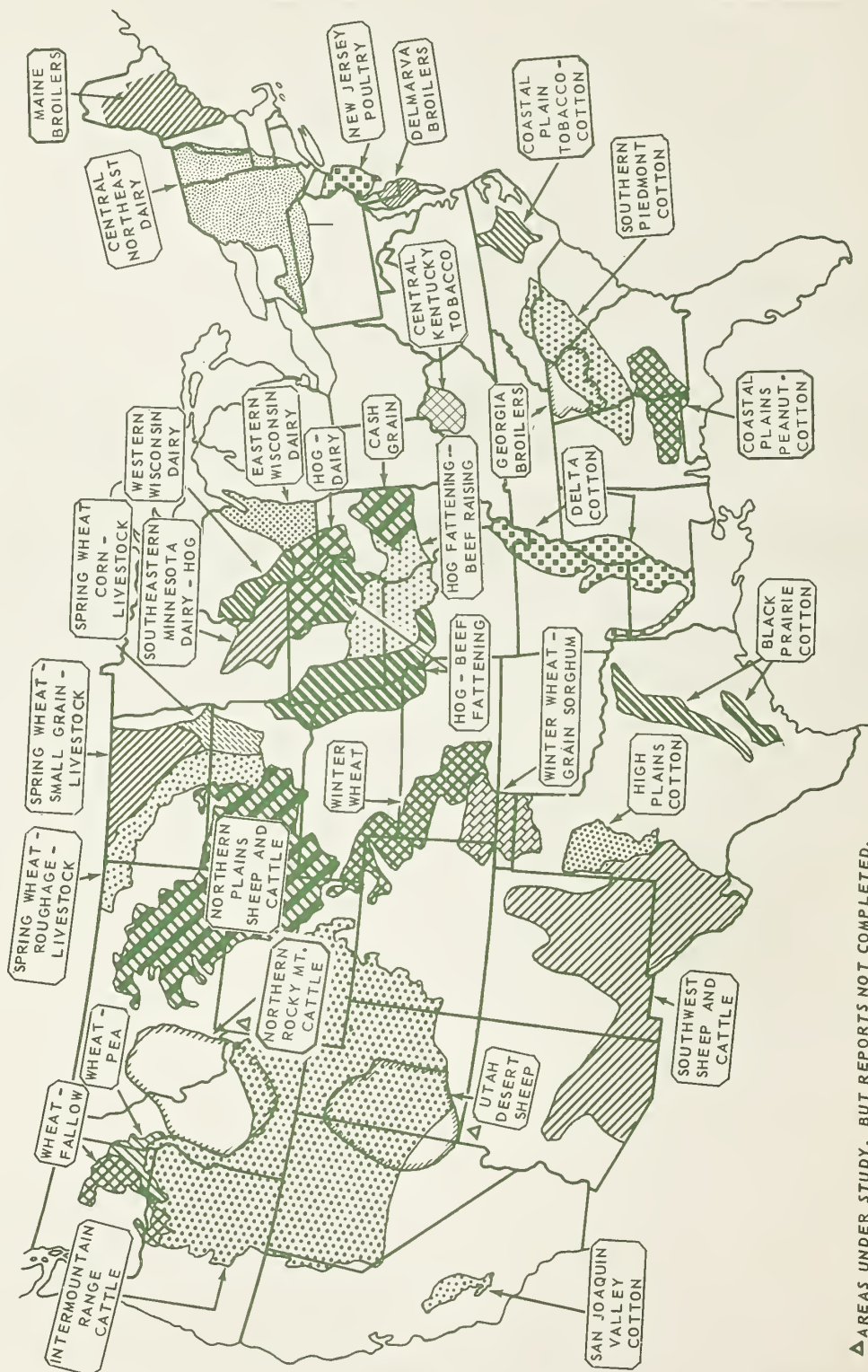


U. S. Department of Agriculture
Economic Research Service
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Agriculture Information Bulletin No. 230
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LOCATION OF TYPES OF FARMS STUDIED



U. S. DEPARTMENT OF AGRICULTURE

NEG. ERS 133-64 (2) ECONOMIC RESEARCH SERVICE

Figure 1

PREFACE

This annual report contains summary estimates of costs and returns for 1963 and earlier years on 40 important types of commercial farms in 23 major farming areas in the United States, together with a brief analysis of changes that have occurred in production, prices, income, and costs for each of these types of farms.

This is the 18th annual report. It includes information for one important type of farm not presented in previous reports. Information on this type of farm is representative of broiler producers in Northern Georgia operating under contract and producing from 10,000 to 60,000 birds annually, with a small livestock operation, mostly beef cattle.

Since 1962, minor revisions have been made in certain estimates for a few of the farm series because of improved data or more current information. On the basis of data from a survey of the peanut-cotton area in 1963, that series was revised primarily to reflect the increased sizes of the cotton and peanut enterprises and the increased mechanization of crop production and harvesting.

As a consequence of extensive enumerative field surveys in 1962 and 1963 and further study of census questionnaires, extensive revisions were made in three studies. These are the irrigated and nonirrigated cotton farms, High Plains area in Texas and the peanut-cotton farms, Southern Coastal Plains.

Estimates for earlier years are reported in USDA Statistical Bulletin 297 and Agriculture Information Bulletin 230, revised June 1961, October 1962, and August 1963. Concepts and procedures are discussed briefly in Statistical Bulletin 297. Additional information is available for 1962 and 1963 for each of the major groups of farms in the Economic Research Service Farm Costs and Returns (FCR) Series, Nos. 18 through 26.

Information represents results of operations on typical or representative farms of

the specified type and size. In all instances, the typical farms are important operating units in the specified area, and in most instances they are the most common units.

For example, of the approximately 30,000 farms in Western Wisconsin (see map on page ii), about 83 percent were classified in the 1959 census as commercial farms, and 84 percent of these were dairy farms. According to a recent survey, 75 percent of the dairy farm operators sold grade B milk (for manufacturing purposes). Typical commercial family-operated dairy farms in this area have from 15 to 25 head of milk cows and heifers, 2 years old and over. They are by far the most common type and size of farm in the area and probably constitute 70 percent of the dairy farms producing grade B milk.

In contrast, there are several different types of farms in the hog-beef fattening area of the Corn Belt. Beef fattening farms are probably the most common, but they vary considerably in size and method of operation. Some operators fatten hundreds of animals a year, mostly on purchased feed, whereas other operators may grow nearly all the feed for the 30 or 40 head they fatten each year.

In 1963, the typical hog-beef fattening farms represented here grew, on the average, around 130 acres of feed grains, farrowed around 25 sows, and in the fall bought 55 to 60 feeder cattle of approximately the same age and size as the cattle they raised. The cattle were to be fattened and sold early the next fall. Although this is a common operation, results may or may not be representative of some other beef-fattening farms. Costs and returns on typical hog-beef fattening farms as presented probably would not represent more than 25 percent of the commercial farms in the area.

The data presented in this report supplement estimates of aggregate income and expenses for all farms in the United States, as reported quarterly and annually by the Department, and those reported by the various experiment

stations and related research groups throughout the country. Estimates for more types and sizes of farms would be required for expansion to regional and national totals.

The same general procedure, methodology, and terms are used for all types of farms. Thus, these publications provide a continuing source of information and a measure of year-to-year changes in farm size, farm organization, technology, investment, prices, costs, and returns on several important types of commercial farms.

For comparability of results among types of farms in these series, all farms are considered to be owner-operated units. Net farm income is the return to the operator and members of his family for their management and labor on the farm, and return to total farm capital. To obtain an estimate of return to operator and family labor, an estimated charge is made for capital. It should be noted, however, that a charge for capital represents a return to the owner of the capital, which in many cases is largely the farm operator.

Any charge for capital on a group of farms must be an arbitrary one. Farm assets vary greatly in kind, and are purchased at different times as the farmer purchases a new machine or some livestock, or decides to add to his farm acreage. Most farmers and ranchers make new investments each year. Some farm assets have a ready market, while others may be disposed of only at a sacrifice. Thus, it is difficult to determine a correct and valid charge for farm capital.

In this report, two alternative capital charges have been made. The first is obtained by multiplying total capital invested in the farm business, regardless of ownership, by the current interest rate in effect January 1 for new loans by the Federal land bank in the respective area. In 1963, this rate was 5.5 percent in 9 districts, 6.0 percent in 2 districts, and midway between in one district. From 1930 to 1963, the rate varied from 4.0 to 6.0 percent.

The second estimate of capital charge is obtained by multiplying total investment in the

farm business January 1, again irrespective of ownership, by 4.1 percent. This is the average rate paid by farmers on outstanding debts held by Federal land banks from 1940 to 1960. In this 21-year period, the rate varied from 3.5 to 4.6 percent; in 11 of the years it was 4.1 percent.

Whichever of these methods is employed, a further charge is added for production credit on farms where applicable. Such a charge was made on 26 of the 40 typical farms. For the most part, these were farms on which sales were seasonal. Production credit is calculated at short-term interest rates charged by production credit associations on loans outstanding.

The major sources of data for these costs and returns series are: (1) the U.S. Census of Agriculture, (2) rural carrier and mailed questionnaires sent to farmers and dealers by the Agricultural Estimates Division, Statistical Reporting Service, USDA, (3) enumerative field surveys, and (4) research results and related data from State experiment stations and Federal agencies when data for individual farms are available or when group data meet the specifications for farms by type, size, and location. In the main, data for individual farms of a particular type and size are used. Local area data on production rates, prices, and related items are used when they do not differ significantly by type and size of farm.

Many factors need to be considered in making comparisons for different types of farms and in comparing typical farm data with national averages and averages for specific areas. Returns in 1963 compared with those for earlier years reflect the adjustment made by farmers on specified farms to meet changing physical and economic conditions. Weather also has an important role in determining farm income. Year-to-year changes in weather tend to produce corresponding changes in crop production, and these changes in turn affect livestock production and farm expenses and income. Farm size, intensity of land use, average investment per farm, and the proportions invested in real estate, machinery, and livestock vary among types of farms and affect farm incomes to a considerable extent.

This report was prepared in the Farm Production Economics Division, Economic Research Service, by Wylie D. Goodsell, W. Herbert Brown, David E. Cummins, Erling Hole, Edgar B. Hurd, John E. Lee, Jr., Paul Rosenberry, Owen K. Shugars, Everett O. Stoddard, and Isabel Jenkins.

John H. Bondurant, University of Kentucky, cooperated in preparing estimates

for the tobacco-livestock farms in the Bluegrass area of Kentucky. James R. Gray, New Mexico State University, cooperated in preparing estimates for the livestock ranches in the Southwestern and Northern Plains areas. John W. Carncross, Rutgers University, cooperated in preparing estimates for the egg-producing farms in New Jersey.

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FARM COSTS AND RETURNS: COMMERCIAL FARMS BY TYPE, SIZE, AND LOCATION

IN GENERAL

Net Farm Income Changes on Typical Farms

There were wide variations among types of farms in level of income and changes in income from 1962 to 1963. Net farm incomes in 1963 on 40 important types of commercial farms in 23 major farming areas in the United States ranged from \$743 on broiler farms in Georgia to \$96,397 on large cotton-general crop farms in California (fig. 1 and table 1).

The ratio of prices received to prices paid in 1963 generally continued unfavorable to producers, but increased farm production more than offset this. Index numbers of prices received for products sold on these 40 types of farms averaged slightly lower in 1963 than in 1962 and 3 percent below the 1951-60 average. Prices paid continued to rise and were approximately 9 percent higher in 1963 than the 1951-60 average. On the other hand, production per farm on the average continued upward and was 34 percent higher in 1963 than in 1951-60. It was nearly 5 percent higher than in 1962.

Changes in organization, prices, and production for individual farm types had varying effects on incomes in 1963. Incomes were higher than in 1962 on 18 and lower on 17 of the 40 types of farms. They were about the same in both years on 5 types of farms (tables 2 and 3).

The major reasons for higher incomes in 1963 were greater farm production, and either higher prices received or improved price-cost relationships than in 1962. Net farm production was greater in 1963 on 16 of the 18 farms with higher incomes. On 13 of the farms with higher incomes, prices received also were higher than or equal to those of 1962.

Lower incomes in 1963 were due most often to a decline in prices received. Prices received averaged below those of 1962 on 16 of the 17 farms with lower incomes in 1963. Higher operating expenses also contributed to lower incomes.

Operating expenses were higher than in 1962 on 31 of the 40 farm types and lower on 9. They were higher than in 1962 on all of the farms with lower incomes except 4 of the wheat farms. Because of a decline in production operators of these farms realized some reduction in harvesting costs. Expenses increased because more production inputs were used, or higher prices were paid for these inputs, or both. Prices paid for goods and services used in production averaged higher in 1963 on 29 of the typical farms. They averaged lower on 3 farm types and the same in both years on 8.

Net farm incomes in 1963 were above those of a recent 10-year period, 1951-60, on 33 of the 40 types of farms. All of the livestock ranches, dairy farms, and tobacco

TABLE 1. --Net farm income, specified types of commercial farms, 1963, with comparisons

Type of farm and location	AVERAGE		1962	1963 ¹
	1951-55	1956-60		
	Dollars	Dollars	Dollars	Dollars
Dairy farms.				
Central Northeast.....	3,753	4,196	3,492	4,068
Eastern Wisconsin:				
Grade A.....	4,859	5,330	6,351	5,725
Grade B.....	2,509	2,503	3,137	3,128
Western Wisconsin, Grade B.....	3,032	3,350	4,467	4,640
Dairy-hog farms, Southeastern Minnesota.....	4,016	3,878	4,432	4,358
Egg-producing farms, New Jersey.....	4,130	2,751	2,433	2,008
Broilers:				
Maine.....	2,269	3,315	4,067	4,121
Delmarva.....	3,791	4,577	5,515	5,543
Georgia.....	1,050	879	783	743
Corn Belt farms:				
Hog-dairy.....	5,182	5,334	5,551	5,071
Hog fattening--beef raising.....	3,442	3,620	3,838	4,130
Hog-beef fattening.....	7,427	7,219	10,522	3,674
Cash grain.....	8,412	7,400	10,065	14,311
Cotton farms:				
Southern Piedmont.....	2,068	2,010	2,531	3,037
Mississippi Delta:				
Small.....	1,945	1,742	2,084	2,666
Large-scale.....	23,192	21,671	31,533	42,694
Texas:				
Black Prairie.....	2,727	2,544	3,842	5,246
High Plains (nonirrigated) ²	3,042	6,838	7,749	10,131
High Plains (irrigated) ²	11,350	13,070	17,036	17,037
San Joaquin Valley, Calif. (irrigated):				
Cotton-specialty crop.....	39,780	45,584	30,271	30,198
Cotton-general crop (medium-sized).....	26,111	26,798	27,961	32,906
Cotton-general crop (large).....	77,115	82,376	85,906	96,397
Peanut-cotton farms, Southern Coastal Plains ²	2,613	2,878	3,907	5,670
Tobacco farms:				
North Carolina Coastal Plain:				
Tobacco.....	3,506	4,449	6,355	6,121
Tobacco-cotton.....	3,391	4,386	6,440	6,413
Kentucky Bluegrass:				
Tobacco-livestock, Inner Area.....	6,473	7,127	7,836	9,796
Tobacco-dairy, Intermediate Area.....	2,361	2,511	2,809	3,238
Tobacco-dairy, Outer area.....	3,873	4,530	5,429	6,194
Spring wheat farms:				
Northern Plains:				
Wheat-small grain-livestock.....	4,524	5,058	11,284	6,564
Wheat-corn-livestock.....	3,922	4,837	6,013	5,511
Wheat-roughage-livestock.....	3,833	3,916	9,970	7,101
Winter wheat farms:				
Southern Plains:				
Wheat.....	8,006	8,377	12,055	7,584
Wheat-grain sorghum.....	4,932	7,282	9,603	5,711
Pacific Northwest:				
Wheat-pea.....	13,666	13,048	18,435	17,521
Wheat-fallow.....	12,910	13,891	15,509	14,260
Cattle ranches:				
Northern Plains.....	5,434	4,574	7,252	7,540
Intermountain Region.....	7,976	9,731	11,936	9,838
Southwest.....	2,588	5,843	8,237	5,081
Sheep ranches:				
Northern Plains.....	7,996	9,268	10,404	12,961
Southwest.....	3,302	8,051	7,855	5,926

¹ Preliminary. ² Revised.

TABLE 2. --Net farm income in 1963 as a percentage of 1962 and 1951-60

Type of farm and location	1963 as a percentage of--		Type of farm and location	1963 as a percentage of--	
	AVERAGE 1951-60	1962		AVERAGE 1951-60	1962
Dairy farms:		Percent		Percent	Percent
Central Northeast.....	102	116	Peanut-cotton farms, Southern Coastal Plains.....	207	145
Eastern Wisconsin:			Tobacco farms:		
Grade A.....	112	90	North Carolina Coastal Plain:		
Grade B.....	125	100	Tobacco.....	154	96
Western Wisconsin, Grade B.....	145	104	Tobacco-cotton.....	165	100
Dairy-hog farms, Southeastern Minnesota....	110	98	Kentucky Bluegrass:		
Egg-producing farms, New Jersey.....	58	83	Tobacco-livestock, Inner Area.....	144	125
Broilers:			Tobacco-dairy, Intermediate Area.....	133	115
Maine.....	148	101	Tobacco-dairy, Outer Area.....	147	114
Delmarva.....	132	100	Spring wheat farms:		
Georgia.....	77	95	Northern Plains:		
Corn Belt farms:			Wheat-small grain-livestock.....	137	58
Hog-dairy.....	96	91	Wheat-corn-livestock.....	126	92
Hog fattening--beef raising.....	117	108	Wheat-roughage-livestock.....	183	71
Hog-beef fattening.....	50	35	Winter wheat farms:		
Cash grain.....	181	142	Southern Plains:		
Cotton farms:			Wheat.....	93	63
Southern Piedmont.....	149	120	Wheat-grain sorghum.....	94	59
Mississippi Delta:			Pacific Northwest:		
Small.....	145	128	Wheat-pea.....	131	95
Large-scale.....	190	135	Wheat-fallow.....	106	92
Texas:			Cattle ranches:		
Black Prairie.....	199	137	Northern Plains.....	151	104
High Plains (nonirrigated).....	205	131	Intermountain Region.....	111	82
High Plains (irrigated).....	140	100	Southwest.....	121	62
San Joaquin Valley, Calif. (irrigated):			Sheep ranches:		
Cotton-specialty crop.....	71	100	Northern Plains.....	150	125
Cotton-general crop (medium-sized).....	124	118	Southwest.....	104	75
Cotton-general crop (large).....	121	112			

TABLE 3. --Resources, costs and returns per farm, specified types of commercial farms, 1963¹

Type of farm and location ²	Size of farm as measured by:	Total farm capital, Jan. 1	Gross farm income ³	Operating expenses ⁴	Return per hour to operator and family labor	
					Current interest rates	4.1 percent interest ⁵
		Dollars	Dollars	Dollars	Dollars	Dollars
Dairy farms:						
Central Northeast.....	32.2 milk cows	43,400	14,475	10,407	0.42	0.61
Eastern Wisconsin:						
Grade A.....	32.0 do.	67,680	15,547	9,822	.49	.72
Grade B.....	21.6 do.	44,800	9,247	6,119	.18	.35
Western Wisconsin, Grade B.....	23.8 do.	37,410	10,267	5,627	.64	.77
Dairy-hog farms, Southeastern Minnesota.	21.9 do.	55,730	11,305	6,947	.33	.54
Egg-producing farms, New Jersey.....	5,050 layers	44,080	27,842	25,834	-.13	.05
Broilers:						
Maine.....	64,655 produced annually	32,290	7,595	3,474	1.32	1.64
Delmarva.....	46,127 do.	36,090	9,481	3,938	1.61	1.95
Georgia.....	26,966 do.	17,550	2,644	1,901	-.23	.02
Corn Belt farms:						
Hog-dairy.....	113 acres of cropland	62,170	14,018	8,947	.39	.59
Hog fattening--beef raising.....	139 do.	58,920	11,302	7,172	.20	.43
Hog-beef fattening.....	153 do.	98,920	31,024	27,350	-.54	-.19
Cash grain.....	246 do.	137,020	24,581	10,270	2.18	2.82
Cotton farms:						
Southern Piedmont.....	101 do.	30,750	7,153	4,116	.44	.68
Mississippi Delta:						
Small.....	40 do.	15,470	5,451	2,785	.80	.90
Large-scale.....	640 do.	249,070	85,294	42,600	(⁶)	(⁶)
Texas:						
Black Prairie.....	230 do.	57,330	10,839	5,593	.86	1.21
High Plains (nonirrigated).....	445 do.	84,950	19,584	9,453	2.70	3.30
High Plains (irrigated).....	398 do.	139,450	33,606	16,569	3.76	4.58
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	329 do.	305,450	112,987	82,789	(⁶)	(⁶)
Cotton-general crop (medium-sized).....	329 do.	302,180	79,932	47,026	(⁶)	(⁶)
Cotton-general crop (large).....	1,160 do.	1,045,310	246,948	150,551	(⁶)	(⁶)
Peanut-cotton farms, Southern Coastal Plains.....	75 do.	23,100	10,395	4,725	1.60	1.73
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	47 do.	27,640	12,581	6,460	1.70	1.90
Tobacco-cotton.....	53 do.	29,940	13,578	7,165	1.67	1.89
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	62 do.	106,930	18,825	9,029	1.27	1.78
Tobacco-dairy, Intermediate Area.....	25 do.	22,960	6,259	3,021	.56	.66
Tobacco-dairy, Outer Area.....	42 do.	44,470	12,614	6,420	.84	.99
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	588 do.	57,540	12,384	5,820	1.49	1.85
Wheat-corn-livestock.....	390 do.	60,610	10,679	5,168	.56	.78
Wheat-roughage-livestock.....	538 do.	53,720	11,978	4,877	1.40	1.66
Winter wheat farms:						
Southern Plains:						
Wheat.....	608 do.	110,320	14,309	6,725	.56	1.16
Wheat-grain sorghum.....	684 do.	125,910	16,632	10,921	-.50	.16
Pacific Northwest:						
Wheat-pea.....	546 do.	202,110	30,766	13,245	2.10	3.07
Wheat-fallow.....	1,037 do.	151,770	24,962	10,702	1.77	2.43
Cattle ranches:						
Northern Plains.....	94.3 cows	89,260	15,017	7,477	.80	1.18
Intermountain Region.....	149.5 do.	95,550	17,460	7,622	1.15	1.48
Southwest.....	153.7 do.	179,190	15,336	10,255	-1.77	-.84
Sheep ranches:						
Northern Plains.....	1,396 sheep	100,850	27,156	14,195	2.07	2.47
Southwest.....	1,256 do.	219,460	19,402	13,476	-2.28	-1.14

¹ Preliminary. ² All except cotton farms in California and large-scale cotton farms in the Mississippi Delta are family-operated. ³ Includes income from farming and Government payments. ⁴ Excludes rent and interest payments.

⁵ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ⁶ Not applicable.

farms had higher incomes than in 1951-60. Incomes were lower in 1963 on 2 of the poultry farms, 2 Corn Belt farms, 2 wheat farms, and 1 cotton farm. Higher incomes were from 2 to 107 percent above the 1951-60 average and lower returns ranged from 6 to 50 percent below 1951-60. (See tables 4 to 8, pgs. 9 to 13.)

Net Farm Income Changes on All U.S. Farms

Total net farm income (including net change in inventory) for all farms in the United States was \$12.8 billion in 1963, down nearly 4 percent from a year earlier. Total net farm income per farm averaged \$3,580 in 1963 compared with \$3,602 in 1962 (fig. 2). A decline of 3 percent in the number of U.S. farms helped to maintain incomes per farm near the 1962 level. The total number of farms has declined nearly 10 percent since 1960.

Realized gross farm income in 1963, at \$41.1 billion, exceeded the previous record high of \$40.8 billion in 1962. Increased volume of marketings was responsible for the higher gross. Prices received by farmers were down about 1 percent in 1963 and Government payments to farmers declined nearly 3 percent. The value of home consumption of farm products on farms where grown was less than in 1962 because of lower farm prices and a decline in number of farm families.

Cash receipts from farm marketings reached \$36.2 billion in 1963, a record high and about 1 percent more than in 1962. Receipts from crops marketed increased 5 percent to a record high, offsetting lower receipts from livestock and livestock products.

Both the volume of crop marketings and prices received for crops

were higher in 1963 than in 1962. Marketings of feed grains, cotton, oil crops, and sugar crops increased substantially in 1963. The volume of cotton marketings was the largest since 1953 and the third highest on record. Marketings of oil crops were a record high in 1963, mostly due to the large soybean crop. Prices received for cotton and soybeans were higher than in 1962; prices for wheat, corn, and tobacco declined.

Marketings of meat animals, poultry, and eggs increased in 1963 but the volume of dairy products sold was down slightly from a year earlier. Receipts from livestock and livestock products were down about 2 percent in 1963, as prices received for meat animals, dairy products, and broilers declined.

Farm production expenses totaled \$28.8 billion in 1963--up about \$60 million from the preceding year. Production expenses per farm averaged \$8,064 in 1963, up more than 5 percent from the previous year (fig. 3). Prices paid for farm production goods and services were up 1.6 percent and the quantity of these inputs used in 1963 increased about 1 percent.

Farmers paid higher prices than in 1962 for feed, seeds, motor vehicles, farm machinery, and equipment. Prices were lower in 1963 for feeder livestock and fertilizer.

FOR GROUPS OF FARMS

The largest change in income occurred on hog-beef fattening farms in the Corn Belt, where net farm income declined 65 percent from a year earlier. However, net farm income on typical cash grain farms in the Corn Belt was 42 percent

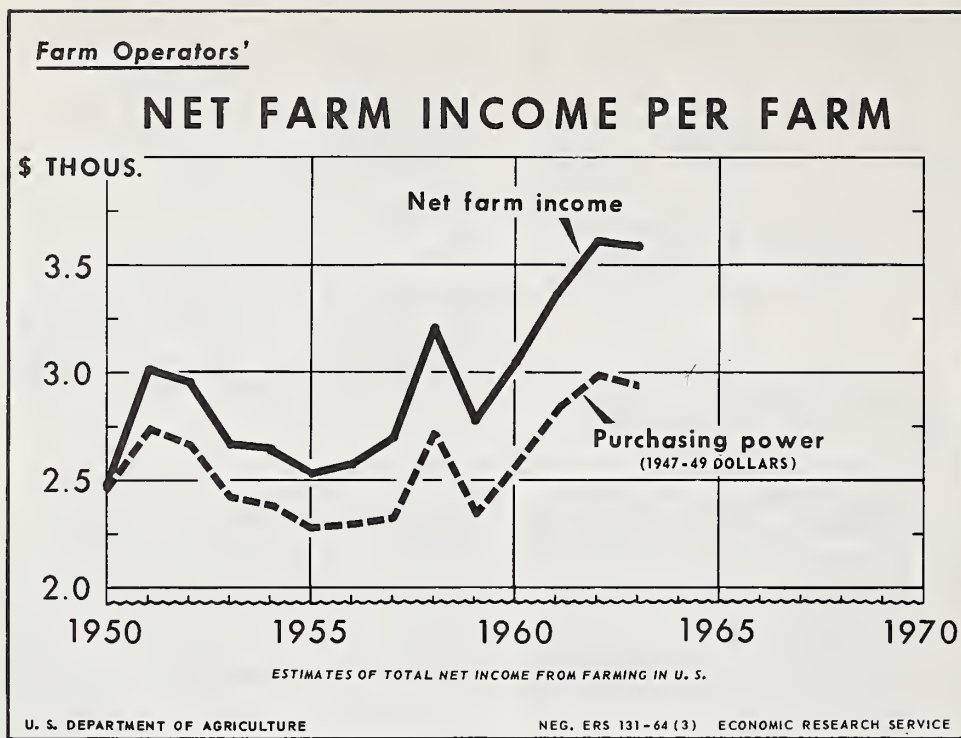


Figure 2

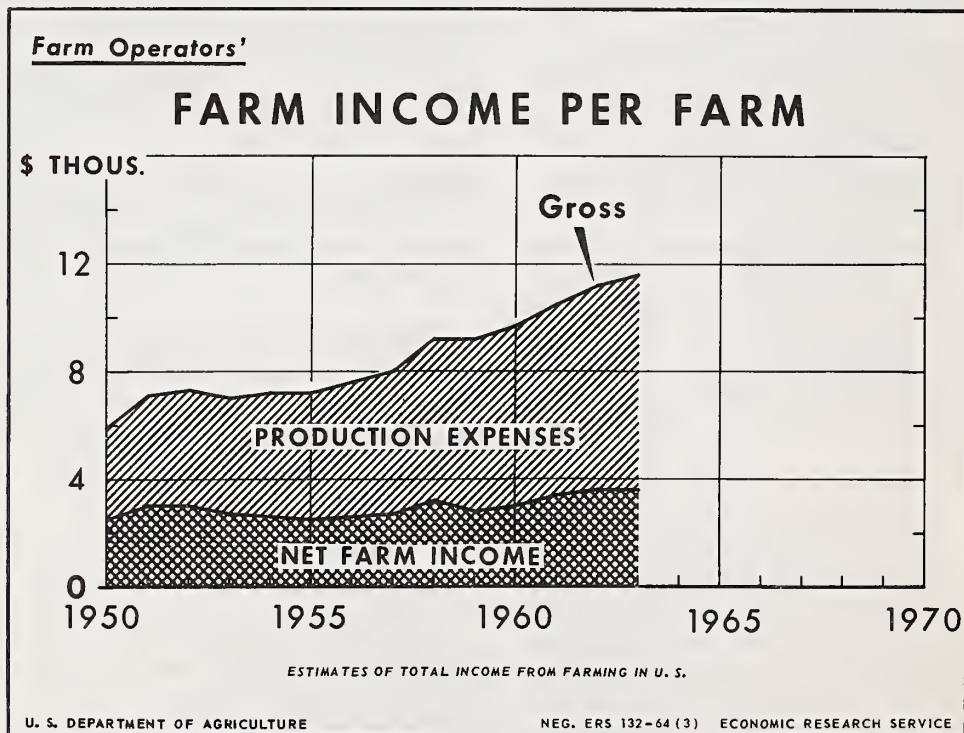


Figure 3

higher than in 1962. Incomes were down on hog-beef fattening farms because of an unfavorable spread between prices paid for feeder cattle and prices received for fat cattle. Cash grain farmers had higher incomes because of record crop production in 1963.

Net farm incomes were nearly equal to or higher than those in 1962 on all of the typical cotton farms, but returns were lower in 1963 on all of the wheat farms. Higher incomes on cotton farms were mostly due to higher yields per acre and an improved price-cost relationship. Cotton yields per acre were record high in 1963 in all the cotton areas except the Southern Piedmont and High Plains of Texas.

Incomes were lower than in 1962 on wheat farms primarily because of lower prices received for major commodities sold, although reduced crop yields and higher expenses were important factors on some wheat farms. Net farm incomes were substantially lower than in 1962 on 4 of the 7 wheat farms, with declines ranging from 29 to 42 percent.

Incomes on 2 of 5 typical dairy farms were higher in 1963 than in the previous year. Returns on 2 were lower and on 1 about the same in both years. Milk production per cow and per farm was above 1962 on all 5 dairy farms. Prices received for milk in 1963 generally averaged lower than in 1962 for grade A milk and about the same in both years for manufacturing milk. On dairy farms with higher incomes in 1963, there was little or no change in average prices received for commodities sold on them. On the other hand prices received averaged lower than in 1962 on dairy farms where incomes declined.

Net farm incomes ranged from slightly lower than in 1962 on typical tobacco farms in the Coastal Plain of North Carolina to 25 percent higher on tobacco-livestock farms in the Bluegrass Area of Kentucky. Tobacco yields per acre were record high in both areas in 1963. Prices received for burley tobacco were above a year earlier in the Bluegrass area, but were down slightly for flue-cured in the Coastal Plain.

On egg-producing farms in New Jersey, net farm income in 1963 averaged 17 percent below the previous year. Incomes were down because of lower prices received for eggs and higher prices paid for feed. Net farm incomes on typical broiler farms in 1963 ranged from 5 percent below a year earlier in Georgia to slightly above in Maine. A lower farm price for broilers resulted in a decline in contractual payments in Georgia; in Maine, contractual payments averaged higher in 1963 because of increased roaster production. Contract payments for roasters offset lower broiler payments. On typical broiler farms in Delmarva, higher returns from crops in 1963 offset lower broiler returns and net farm income was about the same as in 1962.

Changes from 1962 in net incomes of Western livestock ranches were due to changes in production, lower prices received for livestock, variations in weather and range condition, and changes in operating expenses. Favorable weather and range conditions in the Northern Plains in 1963 enabled cattle ranchers in this area to hold the line against lower prices received for livestock. A substantial reduction in receipts from the sale of cattle and calves was offset by gains in production and inventories. Ranchers were reluctant to sell calves at substantially lower

prices than a year earlier. Also, feed supplies were ample because of favorable weather and increased crop production.

Sheep ranchers in this area also benefited from favorable range in 1963 and the prices received for lambs, although down from a year earlier, declined less than for cattle.

Prices received for wool on these ranches were higher than in 1962. Wool incentive payments also contributed to higher income in 1963. Ranchers in the Intermountain Region and in the Southwest were hard-pressed by declining prices for livestock in 1963, generally poor range conditions, and increased feed costs.

TABLE 4. --Net farm production and productivity: Index numbers, specified types
of commercial farms, 1963, with comparisons
(1957-59=100)

Type of farm and location	Net farm production			Crop yield per acre ²		
	AVERAGE 1951-55	1962	1963 ¹	AVERAGE 1951-55	1962	1963 ¹
Dairy farms:						
Central Northeast.....	87	114	119	90	97	105
Eastern Wisconsin:						
Grade A.....	82	120	122	95	111	106
Grade B.....	87	117	119	94	112	106
Western Wisconsin, Grade B.....	82	124	129	85	117	114
Dairy-hog farms, Southeastern Minnesota.....	83	113	121	87	107	115
Egg-producing farms, New Jersey.....	80	114	127	---	---	---
Broilers:						
Maine.....	59	113	114	---	---	---
Delmarva.....	71	112	112	---	---	---
Georgia.....	69	107	112	---	---	---
Corn Belt farms:						
Hog-dairy.....	82	103	114	86	103	105
Hog fattening--beef raising.....	77	107	130	79	102	106
Hog-beef fattening.....	82	111	113	85	111	110
Cash grain.....	84	120	162	88	119	123
Cotton farms:						
Southern Piedmont.....	84	111	129	84	105	120
Mississippi Delta:						
Small.....	90	118	132	89	109	132
Large-scale.....	101	116	128	89	108	130
Texas:						
Black Prairie.....	81	124	144	85	102	115
High Plains (nonirrigated) ³	48	107	126	52	88	106
High Plains (irrigated) ³	84	122	118	75	110	109
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	78	102	108	80	106	110
Cotton-general crop (medium-sized).....	79	107	106	72	105	106
Cotton-general crop (large).....	77	109	105	72	105	105
Peanut-cotton farms, Southern Coastal Plains ³ .	83	138	178	78	109	142
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	82	132	134	83	125	129
Tobacco-cotton.....	80	134	138	83	121	128
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	102	116	136	93	112	129
Tobacco-dairy, Intermediate Area.....	98	114	128	90	112	127
Tobacco-dairy, Outer Area.....	90	124	136	89	115	128
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	93	174	130	81	194	137
Wheat-corn-livestock.....	81	104	104	79	122	112
Wheat-roughage-livestock.....	97	194	152	100	195	143
Winter wheat farms:						
Southern Plains:						
Wheat.....	81	119	96	75	125	87
Wheat-grain sorghum.....	67	116	99	52	115	88
Pacific Northwest:						
Wheat-pea.....	83	115	117	83	116	112
Wheat-fallow.....	77	97	96	76	105	93
Cattle ranches:						
Northern Plains.....	107	99	118	99	99	103
Intermountain Region.....	75	104	102	98	101	101
Southwest.....	70	116	98	90	97	93
Sheep ranches:						
Northern Plains.....	79	103	123	99	99	103
Southwest.....	64	102	95	90	97	93

¹ Preliminary. ² Range conditions on ranches. ³ Revised.

TABLE 5. --Prices received and paid by farmers: Index numbers, specified types of commercial farms, 1963, with comparisons
(1957-59=100)

Type of farm and location	Prices received for products sold			Prices paid, including wages to hired labor		
	AVERAGE 1951-55	1962	1963 ¹	AVERAGE 1951-55	1962	1963 ¹
Dairy farms:						
Central Northeast.....	98	95	95	95	104	105
Eastern Wisconsin:						
Grade A.....	109	101	98	94	108	110
Grade B.....	110	102	102	99	108	110
Western Wisconsin, Grade B.....	109	101	100	99	108	109
Dairy-hog farms, Southeastern Minnesota.....	111	102	100	95	105	107
Egg-producing farms, New Jersey.....	128	94	92	111	93	95
Broilers:						
Maine.....	117	109	111	81	110	109
Delmarva.....	126	108	111	89	105	106
Georgia.....	125	96	88	89	106	108
Corn Belt farms:						
Hog-dairy.....	109	102	94	96	107	108
Hog fattening--beef raising.....	112	104	98	96	107	109
Hog-beef fattening.....	108	108	92	100	96	99
Cash grain.....	126	105	105	90	100	100
Cotton farms:						
Southern Piedmont.....	110	103	102	² 98	² 103	² 106
Mississippi Delta:						
Small.....	113	103	106	99	103	103
Large-scale.....	115	105	109	² 99	² 107	² 108
Texas:						
Black Prairie.....	117	105	108	96	105	106
High Plains (nonirrigated) ³	109	102	105	95	106	108
High Plains (irrigated) ³	111	102	105	98	106	108
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	114	103	102	93	109	109
Cotton-general crop (medium-sized).....	108	102	111	90	111	111
Cotton-general crop (large).....	108	102	111	90	110	110
Peanut-cotton farms, Southern Coastal Plains ³ ..	107	102	102	91	95	97
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	98	105	103	90	108	110
Tobacco-cotton.....	99	105	103	109	108	110
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	91	96	96	92	104	107
Tobacco-dairy, Intermediate Area.....	90	96	97	93	104	107
Tobacco-dairy, Outer Area.....	93	97	98	94	106	108
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	109	101	94	94	103	104
Wheat-corn-livestock.....	107	105	100	98	110	109
Wheat-roughage-livestock.....	105	93	91	97	105	107
Winter wheat farms:						
Southern Plains:						
Wheat.....	116	113	105	94	107	109
Wheat-grain sorghum.....	111	107	99	91	105	103
Pacific Northwest:						
Wheat-pea.....	117	110	107	96	99	99
Wheat-fallow.....	110	106	103	94	106	106
Cattle ranches:						
Northern Plains.....	94	116	101	95	98	98
Intermountain Region.....	97	104	95	93	109	110
Southwest.....	92	102	95	99	110	111
Sheep ranches:						
Northern Plains.....	116	97	95	100	98	104
Southwest.....	110	92	93	100	103	113

¹ Preliminary. ² Includes cropper labor. ³ Revised.

TABLE 6. --Operating expense and total cost per unit of production: Index numbers, specified types of commercial farms, 1963, with comparisons
(1957-59 = 100)

Type of farm and location	Operating expense per unit of production			Total cost per unit of production		
	AVERAGE 1951-55	1962	1963 ¹	AVERAGE 1951-55	1962	1963 ¹
Dairy farms:						
Central Northeast.....	95	110	112	94	107	107
Eastern Wisconsin:						
Grade A.....	103	104	107	104	102	104
Grade B.....	105	99	100	103	100	101
Western Wisconsin, Grade B.....	105	95	95	106	94	96
Dairy-hog farms, Southeastern Minnesota.....	101	111	108	100	105	103
Egg-producing farms, New Jersey.....	117	92	92	114	93	92
Broilers:						
Maine.....	105	104	109	119	101	103
Delmarva.....	113	99	101	113	101	105
Georgia.....	89	109	108	100	106	106
Corn Belt farms:						
Hog-dairy.....	106	119	116	104	115	111
Hog fattening--beef raising.....	106	121	117	108	113	106
Hog-beef fattening.....	106	119	130	106	108	116
Cash grain.....	100	111	97	99	96	82
Cotton farms:						
Southern Piedmont.....	104	101	97	101	103	97
Mississippi Delta:						
Small.....	97	100	93	97	96	89
Large-scale.....	110	87	78	104	90	82
Texas:						
Black Prairie.....	112	103	92	107	103	93
High Plains (nonirrigated) ²	152	108	101	173	114	105
High Plains (irrigated) ²	114	99	101	110	99	102
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	93	109	110	95	111	111
Cotton-general crop (medium-sized).....	99	106	108	100	107	109
Cotton-general crop (large).....	101	109	112	100	109	113
Peanut-cotton farms, Southern Coastal Plains ²	94	102	87	106	96	82
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	92	97	97	95	94	94
Tobacco-cotton.....	94	96	95	94	94	93
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	88	104	92	87	101	91
Tobacco-dairy, Intermediate Area.....	87	98	96	92	99	91
Tobacco-dairy, Outer Area.....	92	99	99	96	98	95
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	99	60	76	102	61	79
Wheat-corn-livestock.....	114	102	99	110	101	104
Wheat-roughage-livestock.....	96	53	64	93	52	66
Winter wheat farms:						
Southern Plains:						
Wheat.....	110	99	121	106	97	121
Wheat-grain sorghum.....	114	106	122	125	98	111
Pacific Northwest:						
Wheat-pea.....	107	102	105	99	100	102
Wheat-fallow.....	125	110	115	116	113	118
Cattle ranches:						
Northern Plains.....	95	102	93	94	105	94
Intermountain Region.....	113	111	119	117	111	117
Southwest.....	138	104	121	126	103	123
Sheep ranches:						
Northern Plains.....	119	103	90	120	98	88
Southwest.....	145	102	115	130	104	116

¹ Preliminary. ² Revised.

TABLE 7. --Production per hour of labor and per unit of input: Index numbers, specified types of commercial farms, 1963, with comparisons
(1957-59=100)

Type of farm and location	Production per hour of man labor			Production per unit of input		
	AVERAGE 1951-55	1962	1963 ¹	AVERAGE 1951-55	1962	1963 ¹
Dairy farms:						
Central Northeast.....	82	108	113	97	99	101
Eastern Wisconsin:						
Grade A.....	82	113	114	90	108	108
Grade B.....	85	112	114	91	107	109
Western Wisconsin, Grade B.....	83	123	126	89	114	116
Dairy-hog farms, Southeastern Minnesota.....	85	106	113	89	99	104
Egg-producing farms, New Jersey.....	73	118	130	94	102	105
Broilers:						
Maine.....	61	126	127	72	110	108
Delmarva.....	63	105	100	73	105	103
Georgia.....	71	119	126	85	105	109
Corn Belt farms:						
Hog-dairy.....	81	100	105	89	94	99
Hog fattening--beef raising.....	77	102	118	86	94	104
Hog-beef fattening.....	81	104	101	91	90	86
Cash grain.....	84	126	160	89	109	128
Cotton farms:						
Southern Piedmont.....	84	110	118	92	105	113
Mississippi Delta:						
Small.....	85	122	142	96	108	118
Large-scale.....	84	152	190	91	119	134
Texas:						
Black Prairie.....	61	126	168	87	105	118
High Plains (nonirrigated) ²	63	119	134	63	96	107
High Plains (irrigated) ²	73	128	125	89	108	106
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	79	106	107	96	99	99
Cotton-general crop (medium-sized).....	76	107	108	88	104	102
Cotton-general crop (large).....	77	107	105	88	102	99
Peanut-cotton farms, Southern Coastal Plains ² ..	67	131	154	87	104	126
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	89	116	122	95	116	119
Tobacco-cotton.....	88	116	124	95	117	120
Kentucky Bluegrass:						
Tobacco-livestock, Inner Area.....	92	105	121	101	105	120
Tobacco-dairy, Intermediate Area.....	88	113	128	98	110	121
Tobacco-dairy, Outer Area.....	84	114	120	95	111	117
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	81	187	145	91	174	134
Wheat-corn-livestock.....	77	105	98	83	104	102
Wheat-roughage-livestock.....	93	206	159	97	194	156
Winter wheat farms:						
Southern Plains:						
Wheat.....	85	112	95	86	106	88
Wheat-grain sorghum.....	64	116	101	74	106	94
Pacific Northwest:						
Wheat-pea.....	89	114	116	91	102	101
Wheat-fallow.....	74	98	94	78	94	91
Cattle ranches:						
Northern Plains.....	96	104	116	102	99	112
Intermountain Region.....	80	102	100	80	100	97
Southwest.....	64	108	90	80	108	94
Sheep ranches:						
Northern Plains.....	80	120	135	83	102	119
Southwest.....	65	99	94	77	101	96

¹ Preliminary. ² Revised.

TABLE 8. --Return per \$100 invested with operator and family labor at wage rates paid for hired labor, specified types of commercial farms, averages 1951-55, 1956-60, and 1961-63

Type of farm and location	1951-55	1956-60	1961-63
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
Dairy farms:			
Central Northeast.....	6.10	4.71	2.18
Eastern Wisconsin:			
Grade A.....	3.66	3.19	3.26
Grade B.....	-1.21	-2.21	-1.07
Western Wisconsin, Grade B.....	.10	-.17	2.07
Dairy-hog farms, Southeastern Minnesota.....	3.06	1.19	1.34
Egg-producing farms, New Jersey.....	-.20	-2.89	-2.08
Broilers:			
Maine.....	4.00	5.50	6.35
Delmarva.....	11.83	9.73	9.70
Georgia.....	2.81	-.70	-1.22
Corn Belt farms:			
Hog-dairy.....	4.38	2.70	1.50
Hog fattening--beef raising.....	2.03	1.07	.61
Hog-beef fattening.....	5.98	4.51	2.72
Cash grain.....	7.37	4.55	6.32
Cotton farms:			
Southern Piedmont.....	6.67	4.01	5.00
Mississippi Delta:			
Small.....	9.81	5.63	7.81
Large-scale.....	12.87	8.93	12.85
Texas:			
Black Prairie.....	5.50	2.72	4.65
High Plains (nonirrigated) ¹	4.53	9.85	12.07
High Plains (irrigated) ¹	12.12	11.04	12.44
San Joaquin Valley, Calif. (irrigated):			
Cotton-specialty crop.....	19.15	16.78	6.38
Cotton-general crop (medium-sized).....	11.59	8.79	7.95
Cotton-general crop (large).....	11.18	8.77	7.70
Peanut-cotton farms, Southern Coastal Plains ¹	13.13	11.24	15.36
Tobacco farms:			
North Carolina Coastal Plain:			
Tobacco.....	12.44	12.50	17.28
Tobacco-cotton.....	12.27	11.29	16.11
Kentucky Bluegrass:			
Tobacco-livestock, Inner Area.....	5.89	5.36	5.25
Tobacco-dairy, Intermediate Area.....	-2.60	-1.52	-.48
Tobacco-dairy, Outer Area.....	3.16	3.98	4.39
Spring wheat farms:			
Northern Plains:			
Wheat-small grain-livestock.....	5.17	5.67	6.27
Wheat-corn-livestock.....	3.09	4.14	3.95
Wheat-roughage-livestock.....	2.27	1.70	5.74
Winter wheat farms:			
Southern Plains:			
Wheat.....	8.19	6.93	7.17
Wheat-grain sorghum.....	3.31	3.73	5.25
Pacific Northwest:			
Wheat-pea.....	8.26	5.66	5.50
Wheat-fallow.....	8.37	7.14	5.69
Cattle ranches:			
Northern Plains.....	3.42	2.31	4.54
Intermountain Region.....	6.03	8.15	7.30
Southwest.....	.84	2.80	3.19
Sheep ranches:			
Northern Plains.....	4.96	6.31	6.55
Southwest.....	1.01	3.24	2.72

¹ Revised.

TABLE 9. --Dairy farms, Central Northeast: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	217	231	235	239
Cropland harvested.....	do.	81	85	86	88
Open pasture.....	do.	81	86	88	88
Crops harvested:					
Corn for silage.....	do.	10.7	10.8	11.5	12.3
Small grains.....	do.	14.1	14.0	13.1	13.4
Hay.....	do.	55.7	60.0	61.0	62.3
Crop yields per harvested acre:					
Corn for silage.....	Ton	10.3	11.5	11.3	11.5
Oats.....	Bushel	53.0	52.0	50.0	52.0
Hay.....	Ton	1.8	2.1	1.6	1.9
Livestock on farm, Jan. 1:					
All cattle.....	Number	40.4	43.3	46.4	47.3
Cows and heifers, 2 years old and over.....	do.	27.2	28.9	31.4	32.2
Chickens.....	do.	64	44	42	41
Milk production per cow.....	Pound	7,720	8,450	8,620	8,910
Tractors on farm.....	Number	1.78	2.00	2.05	2.10
Total labor used.....	Hour	4,350	4,440	4,590	4,590
Operator and family.....	do.	3,570	3,620	3,740	3,760
Hired.....	do.	780	820	850	830
Total farm capital, Jan. 1.....	Dollar	35,400	40,600	42,600	43,400
Land and buildings.....	do.	19,000	21,400	22,400	23,400
Machinery and equipment.....	do.	6,500	7,300	7,700	7,900
Livestock.....	do.	7,400	9,400	9,700	9,000
Crops.....	do.	2,500	2,500	2,800	3,100
Total cash receipts.....	do.	10,395	11,629	12,599	13,180
Dairy products.....	do.	8,849	10,420	10,942	11,563
Cattle and calves.....	do.	1,112	906	1,377	1,352
Poultry and eggs.....	do.	350	217	191	184
Other, including Government payments.....	do.	84	86	89	81
Value of perquisites.....	do.	939	941	939	954
Change in inventory of crops and livestock.....	do.	263	959	-409	341
Gross farm income.....	do.	11,597	13,529	13,129	14,475

TABLE 9. -- Dairy farms, Central Northeast: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	7,415	9,325	9,944	10,708
Feed purchased.....	do.	2,245	3,005	3,354	3,911
Livestock purchased.....	do.	163	222	209	177
Other livestock expense.....	do.	312	384	409	430
Fertilizer and lime.....	do.	331	397	438	444
Other crop expense.....	do.	290	328	327	367
Machinery.....	do.	2,364	2,813	2,927	3,019
Farm buildings and fences.....	do.	373	522	537	558
Labor hired.....	do.	626	726	765	774
Taxes.....	do.	523	688	731	772
Other.....	do.	188	240	247	256
Inventory adjustment, machinery and buildings..	do.	-117	-293	-307	-301
Total operating expenses.....	do.	7,298	9,032	9,637	10,407
Net farm income.....	do.	4,299	4,497	3,492	4,068
Purchasing power in 1947-49 dollars.....	do.	3,643	3,779	2,886	3,334
Charge for capital at current interest rates...	do.	1,955	2,436	2,450	2,496
Return per hour, operator and family labor.....	do.	.66	.57	.28	.42
Charge for capital at 4.1 percent interest.....	do.	1,451	1,665	1,747	1,779
Return per hour, operator and family labor.....	do.	.80	.78	.47	.61
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	117	113	125
Net farm income.....	---	100	107	81	95
Net farm production.....	---	100	116	114	119
Crop yields per acre.....	---	100	111	97	105
Production per hour of man labor.....	---	100	114	108	113
Production per unit of input.....	---	100	104	99	101
Operating expense per unit of production.....	---	100	104	110	112
Total cost per unit of production.....	---	100	101	107	107
Power and machinery (quantity).....	---	100	105	106	108
Prices received for products sold.....	---	100	97	95	95
Prices paid, including wages to hired labor..	---	100	103	104	105

¹ Preliminary.

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	157	167	171	175
Cropland harvested.....	do.	104	111	115	119
Open pasture.....	do.	32	33	32	32
Crops harvested:					
Corn for grain.....	do.	17.0	21.6	20.5	21.0
Corn for silage.....	do.	16.4	15.4	18.1	20.5
Small grains.....	do.	29.5	29.0	28.5	27.5
Hay.....	do.	35.7	38.4	41.7	43.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	66.4	78.5	71.4	76.3
Corn for silage.....	Ton	10.0	12.0	11.8	11.3
Oats.....	Bushel	59.3	61.4	60.8	61.7
Hay.....	Ton	2.7	3.1	3.3	2.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	43.5	50.7	53.8	54.9
Cows and heifers, 2 years old and over.....	do.	27.2	30.2	31.7	32.0
Milk production per cow.....	Pound	9,440	9,950	10,150	10,210
Pigs raised.....	Number	35	30	29	30
Tractors on farm.....	do.	2.35	2.50	2.54	2.58
Total labor used.....	Hour	4,320	4,460	4,580	4,630
Operator and family.....	do.	3,900	4,000	4,120	4,120
Hired.....	do.	420	460	460	510
Total farm capital, Jan. 1.....	Dollar	52,610	62,180	66,740	67,680
Land and buildings.....	do.	30,060	35,230	38,220	38,320
Machinery and equipment.....	do.	9,500	11,240	11,790	12,420
Livestock.....	do.	9,260	11,380	12,070	11,900
Crops.....	do.	3,790	4,330	4,660	5,040
Total cash receipts.....	do.	11,365	13,773	13,924	13,675
Dairy products.....	do.	8,044	10,258	10,373	10,349
Cattle and calves.....	do.	1,629	1,863	2,263	2,099
Hogs.....	do.	1,171	968	954	877
Crops.....	do.	248	541	189	233
Other, including Government payments.....	do.	273	143	145	117
Value of perquisites.....	do.	994	1,064	1,117	1,104
Change in inventory of crops and livestock.....	do.	515	758	694	768
Gross farm income.....	do.	12,874	15,595	15,735	15,547

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	8,194	9,719	10,167	10,522
Feed purchased.....	do.	944	1,078	1,162	1,256
Livestock purchased.....	do.	18	0	0	0
Other livestock expense.....	do.	502	623	672	703
Fertilizer and lime.....	do.	333	383	386	395
Other crop expense.....	do.	454	527	568	618
Machinery.....	do.	3,299	3,823	3,917	4,024
Farm buildings and fences.....	do.	1,153	1,385	1,439	1,398
Labor hired.....	do.	394	450	463	529
Taxes.....	do.	837	1,126	1,231	1,257
Other.....	do.	260	324	329	342
Inventory adjustment, machinery and buildings..	do.	-637	-818	-783	-700
Total operating expenses.....	do.	7,557	8,901	9,384	9,822
Net farm income.....	do.	5,317	6,694	6,351	5,725
Purchasing power in 1947-49 dollars.....	do.	4,531	5,625	5,249	4,693
Charge for capital at current interest rates...	do.	2,638	3,420	3,670	3,722
Return per hour, operator and family labor.....	do.	.69	.82	.65	.49
Charge for capital at 4.1 percent interest.....	do.	2,157	2,550	2,736	2,775
Return per hour, operator and family labor.....	do.	.81	1.04	.88	.72
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	121	122	121
Net farm income.....	---	100	126	119	108
Net farm production.....	---	100	116	120	122
Crop yields per acre.....	---	100	114	111	106
Production per hour of man labor.....	---	100	113	113	114
Production per unit of input.....	---	100	108	108	108
Operating expense per unit of production.....	---	100	102	104	107
Total cost per unit of production.....	---	100	100	102	104
Power and machinery (quantity).....	---	100	111	114	117
Prices received for products sold.....	---	100	104	101	98
Prices paid, including wages to hired labor..	---	100	106	108	110

¹ Preliminary.

TABLE 11. --Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	131	139	142	146
Cropland harvested.....	do.	77	82	84	88
Open pasture.....	do.	32	33	33	33
Crops harvested:					
Corn for grain.....	do.	8.9	10.9	11.0	12.3
Corn for silage.....	do.	10.4	11.0	11.7	12.0
Small grains.....	do.	25.3	26.3	25.7	26.0
Hay.....	do.	30.3	32.0	34.6	36.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	58.5	70.2	64.0	68.4
Corn for silage.....	Ton	8.8	10.7	10.5	10.0
Oats.....	Bushel	55.2	56.8	56.2	57.0
Hay.....	Ton	2.2	2.5	2.6	2.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	29.1	32.0	34.1	34.6
Cows and heifers, 2 years old and over.....	do.	18.8	20.4	21.4	21.6
Chickens.....	do.	105	86	73	62
Milk production per cow.....	Pound	8,130	8,480	8,670	8,690
Pigs raised.....	Number	24	23	23	24
Tractors on farm.....	do.	1.85	1.94	1.96	1.98
Total labor used.....	Hour	3,620	3,670	3,790	3,800
Operator and family.....	do.	3,510	3,580	3,700	3,700
Hired.....	do.	110	90	90	100
Total farm capital, Jan. 1.....	Dollar	36,020	41,160	44,570	44,800
Land and buildings.....	do.	21,980	25,720	28,120	28,320
Machinery and equipment.....	do.	6,310	6,280	6,370	6,390
Livestock.....	do.	5,270	6,200	6,530	6,380
Crops.....	do.	2,460	2,960	3,550	3,710
Total cash receipts.....	do.	6,701	7,509	7,762	7,672
Dairy products.....	do.	4,242	5,221	5,253	5,386
Cattle and calves.....	do.	1,019	958	1,197	1,154
Hogs.....	do.	780	727	750	674
Poultry and eggs.....	do.	510	383	290	237
Crops.....	do.	116	157	210	151
Other, including Government payments.....	do.	34	63	62	70
Value of perquisites.....	do.	893	989	1,027	1,025
Change in inventory of crops and livestock....	do.	265	775	294	550
Gross farm income.....	do.	7,859	9,273	9,083	9,247

TABLE 11.--Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	5,260	5,805	5,917	6,087
Feed purchased.....	do.	838	854	755	775
Livestock purchased.....	do.	41	21	16	12
Other livestock expense.....	do.	348	428	462	477
Fertilizer and lime.....	do.	208	239	238	245
Other crop expense.....	do.	378	413	442	491
Machinery.....	do.	2,006	2,165	2,238	2,275
Farm buildings and fences.....	do.	581	607	637	616
Labor hired.....	do.	103	86	93	99
Taxes.....	do.	549	734	771	821
Other.....	do.	208	258	265	276
Inventory adjustment, machinery and buildings.	do.	63	31	29	32
Total operating expenses.....	do.	5,323	5,836	5,946	6,119
Net farm income.....	do.	2,536	3,437	3,137	3,128
Purchasing power in 1947-49 dollars.....	do.	2,158	2,888	2,593	2,564
Charge for capital at current interest rates..	do.	1,805	2,264	2,451	2,464
Return per hour, operator and family labor....	do.	.21	.33	.19	.18
Charge for capital at 4.1 percent interest....	do.	1,477	1,688	1,827	1,837
Return per hour, operator and family labor.....	do.	.30	.49	.35	.35
INDEX NUMBERS (1957-59 =100):					
Gross farm income.....	---	100	119	116	118
Net farm income.....	---	100	136	124	123
Net farm production.....	---	100	115	117	119
Crop yields per acre.....	---	100	114	112	106
Production per hour of man labor.....	---	100	113	112	114
Production per unit of input.....	---	100	108	107	109
Operating expense per unit of production....	---	100	97	99	100
Total cost per unit of production.....	---	100	97	100	101
Power and machinery (quantity).....	---	100	93	92	91
Prices received for products sold.....	---	100	105	102	102
Prices paid, including wages to hired labor.	---	100	104	108	110

¹ Preliminary.

TABLE 12.--Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	169	180	184	188
Cropland harvested.....	do.	79	85	88	90
Open pasture.....	do.	41	44	45	46
Crops harvested:					
Corn for grain.....	do.	15.4	17.0	19.5	19.9
Corn for silage.....	do.	9.1	8.4	7.3	8.0
Small grains.....	do.	21.8	22.7	22.1	22.2
Hay.....	do.	32.1	35.9	38.1	39.3
Crop yields per harvested acre:					
Corn for grain.....	Bushel	63.5	68.3	67.8	70.2
Corn for silage.....	Ton	10.5	12.2	12.7	12.3
Oats.....	Bushel	52.1	58.1	52.7	53.0
Hay.....	Ton	2.4	2.8	3.3	3.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	40.9	42.6	44.0
Cows and heifers, 2 years old and over.....	do.	20.9	22.0	22.7	23.8
Chickens.....	do.	108	82	69	58
Milk production per cow.....	Pound	7,760	8,160	8,340	8,370
Pigs raised.....	Number	22	21	22	24
Tractors on farm.....	do.	1.71	1.83	1.85	1.87
Total labor used.....	Hour	4,190	4,170	4,240	4,320
Operator and family.....	do.	3,840	3,880	3,950	4,020
Hired.....	do.	350	290	290	300
Total farm capital, Jan. 1.....	Dollar	27,680	32,860	36,040	37,410
Land and buildings.....	do.	14,800	18,850	21,020	21,750
Machinery and equipment.....	do.	3,860	4,000	4,160	4,250
Livestock.....	do.	6,400	7,320	7,600	7,680
Crops.....	do.	2,620	2,690	3,260	3,730
Total cash receipts.....	do.	7,117	7,894	8,205	8,582
Dairy products.....	do.	4,254	5,261	5,362	5,659
Cattle and calves.....	do.	1,492	1,438	1,478	1,484
Hogs.....	do.	725	666	649	724
Poultry and eggs.....	do.	479	337	253	206
Crops.....	do.	120	92	361	404
Other, including Government payments.....	do.	47	100	102	105
Value of perquisites.....	do.	749	843	840	843
Change in inventory of crops and livestock.....	do.	203	712	781	842
Gross farm income.....	do.	8,069	9,449	9,826	10,267

TABLE 12.--Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	4,542	5,196	5,426	5,677
Feed purchased.....	do.	711	722	738	787
Livestock purchased.....	do.	42	20	15	11
Other livestock expense.....	do.	313	371	395	421
Fertilizer and lime.....	do.	209	265	270	275
Other crop expense.....	do.	326	389	435	488
Machinery.....	do.	1,689	1,965	2,035	2,093
Farm buildings and fences.....	do.	385	440	457	443
Labor hired.....	do.	306	271	272	294
Taxes.....	do.	408	561	611	660
Other.....	do.	153	192	198	205
Inventory adjustment, machinery and buildings.	do.	136	-57	-67	-50
Total operating expenses.....	do.	4,678	5,139	5,359	5,627
Net farm income.....	do.	3,391	4,310	4,467	4,640
Purchasing power in 1947-49 dollars.....	do.	2,889	3,622	3,692	3,803
Charge for capital at current interest rates..	do.	1,387	1,807	1,982	2,058
Return per hour, operator and family labor....	do.	.52	.64	.63	.64
Charge for capital at 4.1 percent interest....	do.	1,135	1,347	1,478	1,534
Return per hour, operator and family labor....	do.	.59	.76	.76	.77
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	117	122	127
Net farm income.....	---	100	127	132	137
Net farm production.....	---	100	114	124	129
Crop yields per acre.....	---	100	112	117	114
Production per hour of man labor.....	---	100	114	123	126
Production per unit of input.....	---	100	108	114	116
Operating expense per unit of production....	---	100	98	95	95
Total cost per unit of production.....	---	100	98	94	96
Power and machinery (quantity).....	---	100	101	102	103
Prices received for products sold.....	---	100	104	101	100
Prices paid, including wages to hired labor.	---	100	105	108	109

¹ Preliminary.

TABLE 13. --Dairy-hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	157	167	171	175
Cropland harvested.....	do.	96	102	104	107
Open pasture.....	do.	28	28	28	29
Crops harvested:					
Corn for grain.....	do.	30.7	33.6	35.9	39.5
Corn for silage.....	do.	9.8	10.6	8.0	7.5
Small grains.....	do.	28.9	28.1	28.0	27.4
Hay.....	do.	26.2	30.1	32.4	32.9
Crop yields per harvested acre:					
Corn for grain.....	Bushel	57.4	67.2	60.2	68.7
Corn for silage.....	Ton	9.9	11.8	10.4	11.3
Oats.....	Bushel	50.3	50.8	49.5	52.4
Hay.....	Ton	2.6	2.8	3.2	3.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	32.5	34.7	36.7	38.0
Cows and heifers, 2 years old and over.....	do.	19.7	20.5	21.3	21.9
Chickens.....	do.	145	116	130	115
Milk production per cow.....	Pound	7,630	8,380	8,450	8,460
Pigs raised.....	Number	45	48	48	46
Tractors on farm.....	do.	1.81	2.14	2.20	2.22
Total labor used.....	Hour	3,930	4,060	4,190	4,200
Operator and family.....	do.	3,620	3,760	3,880	3,860
Hired.....	do.	310	300	310	340
Total farm capital, Jan. 1.....	Dollar	45,100	49,840	53,820	55,730
Land and buildings.....	do.	29,560	33,080	35,230	36,740
Machinery and equipment.....	do.	6,680	7,160	7,280	7,390
Livestock.....	do.	5,900	6,680	7,240	7,380
Crops.....	do.	2,960	2,920	4,070	4,220
Total cash receipts.....	do.	8,337	9,324	10,020	9,822
Dairy products.....	do.	4,380	5,496	5,549	5,597
Cattle and calves.....	do.	1,190	1,122	1,265	1,316
Hogs.....	do.	1,576	1,713	1,639	1,524
Poultry and eggs.....	do.	574	452	487	426
Crops.....	do.	568	390	905	832
Other, including Government payments.....	do.	49	151	175	127
Value of perquisites.....	do.	739	789	777	781
Change in inventory of crops and livestock....	do.	148	1,105	350	702
Gross farm income.....	do.	9,224	11,218	11,147	11,305

TABLE 13.--Dairy-hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	5,276	6,525	6,979	7,179
Feed purchased.....	do.	688	812	859	885
Livestock purchased.....	do.	55	45	44	37
Other livestock expense.....	do.	263	375	407	428
Fertilizer and lime.....	do.	169	235	244	254
Other crop expense.....	do.	256	411	492	519
Machinery.....	do.	2,307	2,588	2,722	2,765
Farm buildings and fences.....	do.	514	847	917	889
Labor hired.....	do.	294	302	311	349
Taxes.....	do.	575	681	740	803
Other.....	do.	155	229	243	250
Inventory adjustment, machinery and buildings..	do.	-12	-175	-264	-232
Total operating expenses.....	do.	5,264	6,350	6,715	6,947
Net farm income.....	do.	3,960	4,868	4,432	4,358
Purchasing power in 1947-49 dollars.....	do.	3,374	4,091	3,663	3,572
Charge for capital at current interest rates...	do.	2,261	2,741	2,960	3,065
Return per hour, operator and family labor.....	do.	.47	.57	.38	.33
Charge for capital at 4.1 percent interest.....	do.	1,849	2,043	2,207	2,285
Return per hour, operator and family labor.....	do.	.58	.75	.57	.54
INDEX NUMBERS (1957-59 =100):					
Gross farm income.....	---	100	122	121	123
Net farm income.....	---	100	123	112	110
Net farm production.....	---	100	112	113	121
Crop yields per acre.....	---	100	111	107	115
Production per hour of man labor.....	---	100	109	106	113
Production per unit of input.....	---	100	102	99	104
Operating expense per unit of production.....	---	100	107	111	108
Total cost per unit of production.....	---	100	101	105	103
Power and machinery (quantity).....	---	100	99	99	98
Prices received for products sold.....	---	100	106	102	100
Prices paid, including wages to hired labor..	---	100	103	105	107

¹ Preliminary.

TABLE 14. --Egg-producing farms, New Jersey: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	10	10	10	10
Cropland harvested.....	do.	0	0	0	0
Laying hens on farm, Jan. 1.....	Number	4,687	5,010	5,050	5,050
Chickens raised.....	do.	3,042	2,828	2,980	2,856
Average number of layers on hand, during year.	do.	4,080	4,514	4,646	4,696
Rate of lay, eggs per layer on hand during year.....	do.	195	194	192	195
Total labor used.....	Hour	5,200	4,980	5,010	5,080
Operator and family.....	do.	4,280	4,080	4,110	4,170
Hired.....	do.	920	900	900	910
Total farm capital, Jan. 1.....	Dollar	42,090	44,970	44,720	44,080
Land and buildings.....	do.	32,850	34,730	34,870	34,500
Machinery and equipment.....	do.	1,890	2,220	2,270	2,260
Livestock.....	do.	7,350	8,020	7,580	7,320
Total cash receipts.....	do.	25,410	27,353	26,789	26,787
Eggs.....	do.	24,658	26,673	25,834	25,988
Cull layers.....	do.	752	680	955	799
Value of perquisites.....	do.	922	961	967	983
Change in inventory of crops and livestock....	do.	182	60	---	72
Gross farm income.....	do.	26,514	28,374	27,756	27,842

TABLE 14. --Egg-producing farms, New Jersey: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	25,487	24,014	25,323	25,834
Feed purchased.....	do.	19,286	18,018	19,484	20,081
Baby chicks.. ..	do.	1,419	1,032	1,225	1,142
Other poultry expense.....	do.	490	542	557	571
Machinery.....	do.	926	973	1,023	1,028
Brooder fuel.....	do.	183	155	146	131
Farm buildings.....	do.	1,530	1,497	983	914
Labor hired.....	do.	840	844	892	933
Taxes.....	do.	434	539	556	563
Telephone.....	do.	33	43	45	45
Electricity.....	do.	230	240	245	248
Insurance.....	do.	34	41	46	47
Miscellaneous expenses.....	do.	82	90	121	131
Inventory adjustment, machinery and buildings.	do.	-715	-599	---	---
Total operating expenses.....	do.	24,772	23,415	25,323	25,834
Net farm income.....	do.	1,742	4,959	2,433	2,008
Purchasing power in 1947-49 dollars.....	do.	1,488	4,167	2,011	1,646
Charge for capital at current interest rates..	do.	2,317	2,698	2,571	2,535
Return per hour, operator and family labor....	do.	-.14	.55	-.03	-.13
Charge for capital at 4.1 percent interest....	do.	1,725	1,844	1,834	1,807
Return per hour, operator and family labor....	do.	(²)	.76	.15	.05
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	107	105	105
Net farm income.....	---	100	285	140	115
Net farm production.....	---	100	125	114	127
Rate of lay.....	---	100	99	98	100
Production per hour of man labor.....	---	100	131	118	130
Production per unit of input.....	---	100	105	102	105
Operating expense per unit of production....	---	100	87	92	92
Total cost per unit of production.....	---	100	88	93	92
Power and machinery (quantity).....	---	100	107	109	109
Prices received for products sold.....	---	100	98	94	92
Prices paid, including wages to hired labor	---	100	91	93	95

¹ Preliminary. ² Less than one.

TABLE 15. --Broiler farms, Maine: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	116	119	119	119
Cropland harvested.....	do.	3.6	2.0	2.4	2.5
Hay harvested.....	do.	3.6	2.0	2.4	2.5
Hay yield per harvested acre.....	Ton	1.20	1.30	1.18	1.20
Birds started, per lot.....	Number	13,951	15,301	15,524	15,858
Broilers produced annually:					
Number.....	do.	54,790	61,278	63,244	64,655
Pounds.....	Pound	208,215	238,984	252,976	265,068
Tractors on farm.....	Number	.56	.56	.64	.64
Total labor used.....	Hour	2,290	2,020	2,060	2,060
Operator and family.....	do.	1,900	1,720	1,730	1,710
Hired.....	do.	390	300	330	350
Total farm capital, Jan. 1.....	Dollar	24,150	30,830	31,700	32,290
Land and buildings.....	do.	17,930	22,990	23,310	23,640
Machinery and equipment.....	do.	6,220	7,840	8,390	8,650
Total cash receipts.....	do.	5,645	6,404	6,992	7,232
Broilers.....	do.	5,253	6,067	6,704	6,983
Crops.....	do.	110	58	75	76
Forest products.....	do.	98	95	94	94
Other, including Government payments.....	do.	184	184	119	79
Value of perquisites.....	do.	329	354	360	363
Gross farm income.....	do.	5,974	6,758	7,352	7,595

TABLE 15. --Broiler farms, Maine: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures ²	Dollar	3,675	5,024	4,293	4,123
Machinery.....	do.	1,571	2,055	1,747	1,668
Farm buildings.....	do.	966	1,751	1,258	1,093
Hired labor.....	do.	407	344	377	411
Taxes.....	do.	323	424	448	469
Electricity and miscellaneous broiler expense.....	do.	358	387	397	414
Other.....	do.	50	63	66	68
Inventory adjustment, machinery and building..	do.	-897	-2,042	-1,008	-649
Total operating expenses.....	do.	2,778	2,982	3,285	3,474
Net farm income.....	do.	3,196	3,776	4,067	4,121
Purchasing power in 1947-49 dollars.....	do.	2,723	3,173	3,361	3,378
Charge for capital at current interest rates..	do.	1,332	1,850	1,823	1,857
Return per hour, operator and family labor....	do.	.98	1.12	1.30	1.32
Charge for capital at 4.1 percent interest....	do.	990	1,264	1,300	1,324
Return per hour, operator and family labor....	do.	1.16	1.46	1.60	1.64
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	113	123	127
Net farm income.....	---	100	118	127	129
Net farm production.....	---	100	110	113	114
Broilers produced annually.....	---	100	115	121	127
Production per hour of man labor.....	---	100	124	126	127
Production per unit of input.....	---	100	112	110	108
Operating expense per unit of production....	---	100	98	104	109
Total cost per unit of production.....	---	100	98	101	103
Power and machinery (quantity).....	---	100	117	119	118
Prices received for products sold.....	---	100	103	109	111
Prices paid, including wages to hired labor.	---	100	110	110	109

¹ Preliminary. ² Feed, chicks, medicines, and related items are supplied by the integrators.

TABLE 16. -- Broiler farms, Delmarva: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	106	106	109	110
Cropland harvested.....	do.	79	85	88	93
Crops harvested:					
Corn.....	do.	37.8	30.4	34.0	43.5
Soybeans.....	do.	40.9	54.7	53.6	49.8
Crop yields per harvested acre:					
Corn.....	Bushel	48.8	58.7	59.6	51.8
Soybeans.....	do.	22.4	23.7	20.2	17.5
Birds started, per lot.....	Number	9,710	10,548	10,905	11,381
Broilers produced annually:					
Number.....	do.	38,014	42,971	44,426	46,127
Pounds.....	Pound	131,574	158,993	168,819	175,283
Total labor used.....	Hour	2,040	2,120	2,190	2,290
Operator and family.....	do.	1,830	1,910	1,970	2,060
Hired.....	do.	210	210	220	230
Total farm capital, Jan. 1.....	Dollar	27,860	33,480	34,330	36,090
Land and buildings.....	do.	21,210	26,370	27,660	29,310
Machinery and equipment.....	do.	6,590	7,110	6,670	6,780
Crops and livestock.....	do.	60	---	---	---
Total cash receipts.....	do.	7,068	8,417	8,822	8,885
Broilers.....	do.	2,680	2,924	3,527	3,442
Crops.....	do.	4,254	5,162	5,083	5,372
Livestock and livestock products.....	do.	91	---	---	---
Other, including Government payments.....	do.	43	331	212	71
Value of perquisites.....	do.	501	558	572	596
Change in inventory of crops and livestock....	do.	-12	---	---	---
Gross farm income.....	do.	7,557	8,975	9,394	9,481

TABLE 16. -- Broiler farms, Delmarva: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures ²	Dollar	3,728	3,963	4,087	4,273
Feed purchased and livestock expense.....	do.	53	33	34	36
Fertilizer and lime.....	do.	553	481	492	585
Other crop expense.....	do.	238	240	265	299
Machinery.....	do.	1,944	2,112	2,156	2,137
Farm buildings and fences.....	do.	482	599	611	653
Hired labor.....	do.	202	212	230	243
Taxes.....	do.	129	147	153	166
Other.....	do.	127	139	146	154
Inventory adjustment, machinery and buildings.	do.	-282	-309	-208	-335
Total operating expenses.....	do.	3,446	3,654	3,879	3,938
Net farm income.....	do.	4,111	5,321	5,515	5,543
Purchasing power in 1947-49 dollars.....	do.	3,497	4,471	4,558	4,543
Charge for capital at current interest rates..	do.	1,582	2,056	2,109	2,218
Return per hour, operator and family labor....	do.	1.38	1.71	1.73	1.61
Charge for capital at 4.1 percent interest ³ ...	do.	1,186	1,420	1,457	1,533
Return per hour, operator and family labor....	do.	1.60	2.04	2.06	1.95
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	119	124	125
Net farm income.....	---	100	129	134	135
Net farm production.....	---	100	113	112	112
Broilers produced annually.....	---	100	121	128	133
Production per hour of man labor.....	---	100	108	105	100
Production per unit of input.....	---	100	110	105	103
Operating expense per unit of production....	---	100	93	99	101
Total cost per unit of production.....	---	100	95	101	105
Power and machinery (quantity).....	---	100	100	100	100
Prices received for products sold.....	---	100	102	108	111
Prices paid, including wages to hired labor.	---	100	104	105	106

¹ Preliminary. ² Feed, chicks, medicines, and related items are supplied by the integrators.

³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 17. --Broiler farms, Georgia: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	64	65	65	65
Cropland harvested.....	do.	6.29	4.85	4.35	3.85
Crops harvested:					
Corn.....	do.	4.34	3.50	3.10	2.80
Hay.....	do.	1.95	1.35	1.25	1.05
Crop yields per harvested acre:					
Corn.....	Bushel	28.1	37.1	30.0	43.0
Hay.....	Ton	1.17	1.35	1.34	1.58
Birds started, per lot.....	Number	6,317	6,917	7,068	7,203
Broilers produced annually:					
Number.....	do.	22,083	24,979	25,850	26,966
Pounds.....	Pound	70,665	82,431	85,305	88,988
Tractors on farm.....	Number	.60	.64	.64	.64
Total labor used.....	Hour	1,690	1,560	1,520	1,500
Operator and family.....	do.	1,580	1,430	1,380	1,360
Hired.....	do.	110	130	140	140
Total farm capital, Jan. 1.....	Dollar	12,400	15,490	16,580	17,550
Land and buildings.....	do.	8,630	11,180	12,150	12,970
Machinery and equipment.....	do.	3,020	3,440	3,530	3,680
Crops and livestock	do.	750	870	900	900
Total cash receipts.....	do.	2,012	2,142	2,201	2,166
Broilers.....	do.	1,590	1,678	1,758	1,672
Livestock and livestock products.....	do.	239	243	206	179
Crops.....	do.	22	45	54	78
Other, including Government payments.....	do.	161	176	183	237
Value of perquisites.....	do.	465	429	440	454
Change in inventory of crops and livestock....	do.	13	-5	-23	24
Gross farm income.....	do.	2,490	2,566	2,618	2,644

TABLE 17. --Broiler farms, Georgia: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures ²	Dollar	2,001	2,011	1,912	1,913
Feed purchased and livestock expense.....	do.	336	377	385	395
Fertilizer, lime, and other crop expense....	do.	46	41	37	34
Machinery.....	do.	1,138	1,120	1,056	1,048
Farm buildings and fences.....	do.	333	283	221	213
Hired labor.....	do.	64	84	95	99
Taxes.....	do.	38	51	56	58
Other.....	do.	46	55	62	66
Inventory adjustment, machinery and buildings.	do.	-422	-216	-77	-12
Total operating expenses.....	do.	1,579	1,795	1,835	1,901
Net farm income.....	do.	911	771	783	743
Purchasing power in 1947-49 dollars.....	do.	776	648	647	609
Charge for capital at current interest rates..	do.	684	929	995	1,053
Return per hour, operator and family labor....	do.	.14	-.11	-.15	-.23
Charge for capital at 4.1 percent interest....	do.	508	635	680	720
Return per hour, operator and family labor....	do.	.26	.10	.07	.02
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	103	105	106
Net farm income.....	---	100	85	86	82
Net farm production.....	---	100	108	107	112
Broilers produced annually.....	---	100	117	121	126
Production per hour of man labor.....	---	100	116	119	126
Production per unit of input.....	---	100	105	105	109
Operating expense per unit of production....	---	100	106	109	108
Total cost per unit of production.....	---	100	103	106	106
Power and machinery (quantity).....	---	100	103	102	104
Prices received for products sold.....	---	100	94	96	88
Prices paid, including wages to hired labor.	---	100	104	106	108

¹ Preliminary. ² Feed, chicks and medicines are supplied by the broiler contracting firms. Litter and brooder fuel are furnished by growers.

TABLE 18. --Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	170	182	184	186
Cropland harvested.....	do.	104	106	108	113
Crops harvested:					
Corn for grain.....	do.	42.8	44.0	44.5	49.7
Corn for silage.....	do.	3.3	4.5	5.5	5.5
Small grains.....	do.	26.8	26.5	26.0	25.8
Hay.....	do.	31.3	31.0	32.0	32.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	76.2	79.0	78.1	80.6
Corn for silage.....	Ton	13.0	15.7	15.7	15.9
Oats.....	Bushel	52.9	52.6	51.8	53.6
Hay.....	Ton	2.4	2.5	2.6	2.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	32.1	33.3	33.8	35.6
Cows and heifers, 2 years old and over.....	do.	17.7	18.0	18.2	19.1
Chickens.....	do.	135	93	102	100
Pigs raised.....	do.	127	143	144	149
Milk production per cow.....	Pound	7,120	7,550	7,550	7,910
Tractors on farm.....	Number	2.16	2.28	2.30	2.30
Total labor used.....	Hour	4,400	4,460	4,520	4,730
Operator and family.....	do.	3,930	4,010	4,070	4,260
Hired.....	do.	470	450	450	470
Total farm capital, Jan. 1.....	Dollar	51,370	56,420	59,520	62,170
Land and buildings.....	do.	33,980	38,040	39,930	41,290
Machinery and equipment.....	do.	6,590	7,300	7,470	7,710
Livestock.....	do.	6,620	7,230	7,390	7,820
Crops.....	do.	4,180	3,850	4,730	5,350
Total cash receipts.....	do.	11,520	12,280	12,472	12,414
Crops.....	do.	1,111	563	653	929
Cattle and calves.....	do.	1,504	1,554	1,423	1,373
Hogs.....	do.	4,511	5,006	5,047	4,424
Dairy products.....	do.	3,663	4,424	4,487	4,878
Poultry and eggs.....	do.	585	376	400	401
Other, including Government payments.....	do.	146	357	462	409
Value of perquisites.....	do.	790	864	906	914
Change in inventory of crops and livestock.....	do.	162	604	560	690
Gross farm income.....	do.	12,472	13,748	13,938	14,018

TABLE 18. --Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	6,755	7,834	8,487	9,157
Feed purchased.....	do.	1,199	1,431	1,551	1,691
Livestock purchased.....	do.	78	44	44	45
Other livestock expense.....	do.	235	317	382	402
Fertilizer and lime.....	do.	340	393	422	453
Other crop expense.....	do.	355	432	495	559
Machinery.....	do.	2,665	2,951	3,182	3,461
Farm buildings and fences.....	do.	658	797	829	886
Labor hired.....	do.	477	495	512	549
Taxes.....	do.	561	724	802	839
Other.....	do.	187	250	268	272
Change in inventory of machinery and buildings	do.	-85	-58	-100	-210
Total operating expenses.....	do.	6,670	7,776	8,387	8,947
Net farm income.....	do.	5,802	5,972	5,551	5,071
Purchasing power in 1947-49 dollars.....	do.	4,944	5,018	4,588	4,157
Charge for capital at current interest rates..	do.	2,588	3,272	3,274	3,419
Return per hour, operator and family labor....	do.	.82	.67	.56	.39
Charge for capital at 4.1 percent interest....	do.	2,106	2,313	2,440	2,549
Return per hour, operator and family labor....	do.	.94	.91	.76	.59
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	110	112	112
Net farm income.....	---	100	103	96	87
Net farm production.....	---	100	102	103	114
Crop yields per acre.....	---	100	104	103	105
Production per hour of man labor.....	---	100	101	100	105
Production per unit of input.....	---	100	97	94	99
Operating expense per unit of production....	---	100	112	119	116
Total cost per unit of production.....	---	100	110	115	111
Power and machinery (quantity).....	---	100	103	104	107
Prices received for products sold.....	---	100	105	102	94
Prices paid, including wages to hired labor.	---	100	103	107	108

¹ Preliminary.

TABLE 19. --Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	239	259	267	280
Cropland harvested.....	do.	108	112	119	132
Crops harvested:					
Corn.....	do.	38.9	38.6	41.0	55.0
Small grains.....	do.	20.1	19.2	18.0	16.0
Soybeans.....	do.	14.3	20.7	24.0	26.0
Hay.....	do.	34.6	33.7	36.0	34.9
Crop yields per harvested acre:					
Corn for grain.....	Bushel	62.0	61.0	61.0	63.0
Oats.....	do.	36.2	40.4	38.0	45.4
Soybeans.....	do.	25.8	26.7	25.5	27.4
Hay.....	Ton	1.8	1.9	1.9	1.9
Livestock on farm, Jan. 1:					
All cattle.....	Number	33.2	38.9	39.9	41.0
Cows and heifers, 2 years old and over.....	do.	19.7	19.9	21.0	21.3
Chickens.....	do.	78	57	52	53
Pigs raised.....	do.	96	113	125	133
Tractors on farm.....	do.	1.66	1.75	1.78	1.79
Total labor used.....	Hour	3,470	3,530	3,660	3,860
Operator and family.....	do.	3,230	3,290	3,410	3,600
Hired.....	do.	240	240	250	260
Total farm capital, Jan. 1.....	Dollar	44,490	51,550	54,500	58,920
Land and buildings.....	do.	29,220	34,480	37,110	41,160
Machinery and equipment.....	do.	5,330	5,940	6,180	6,400
Livestock.....	do.	6,580	7,870	7,410	7,600
Crops.....	do.	3,360	3,260	3,800	3,760
Total cash receipts.....	do.	7,758	8,445	9,386	9,422
Crops.....	do.	1,348	1,230	1,421	1,858
Cattle and calves.....	do.	2,003	2,276	2,596	2,040
Hogs.....	do.	3,392	3,900	4,434	4,575
Dairy products.....	do.	420	256	196	146
Poultry and eggs.....	do.	320	253	197	207
Other, including Government payments.....	do.	275	530	542	596
Value of perquisites.....	do.	562	645	685	726
Change in inventory of crops and livestock....	do.	303	580	70	1,154
Gross farm income.....	do.	8,623	9,670	10,141	11,302

TABLE 19. --Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	5,027	6,003	6,682	7,551
Feed purchased.....	do.	811	968	1,131	1,262
Livestock purchased.....	do.	38	23	23	32
Other livestock expense.....	do.	152	200	221	245
Fertilizer and lime.....	do.	352	512	549	638
Other crop expense.....	do.	260	332	392	466
Machinery.....	do.	2,043	2,268	2,315	2,687
Farm buildings and fences.....	do.	622	688	760	825
Labor hired.....	do.	230	240	256	275
Taxes.....	do.	431	630	851	915
Other.....	do.	88	142	184	206
Change in inventory of machinery and buildings	do.	-378	-375	-379	-379
Total operating expenses.....	do.	4,649	5,628	6,303	7,172
Net farm income.....	do.	3,974	4,042	3,838	4,130
Purchasing power in 1947-49 dollars.....	do.	3,387	3,397	3,172	3,385
Charge for capital at current interest rates..	do.	2,370	3,112	3,135	3,397
Return per hour, operator and family labor....	do.	.50	.28	.21	.20
Charge for capital at 4.1 percent interest ² ...	do.	1,923	2,236	2,371	2,572
Return per hour, operator and family labor....	do.	.63	.55	.43	.43
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	112	118	131
Net farm income.....	---	100	102	97	104
Net farm production.....	---	100	105	107	130
Crop yields per acre.....	---	100	102	102	106
Production per hour of man labor.....	---	100	104	102	118
Production per unit of input.....	---	100	97	94	104
Operating expense per unit of production.....	---	100	113	121	117
Total cost per unit of production.....	---	100	108	113	106
Power and machinery (quantity).....	---	100	105	107	110
Prices received for products sold.....	---	100	102	104	98
Prices paid, including wages to hired labor..	---	100	103	107	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 20. --Hog-beef fattening farms, Corn Belt: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	209	221	227	231
Cropland harvested.....	do.	148	142	147	153
Crops harvested:					
Corn.....	do.	79.6	84.2	86.0	94.0
Small grains.....	do.	38.7	30.7	31.0	29.0
Hay.....	do.	29.3	27.6	30.0	30.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	69.1	74.2	78.0	76.4
Oats.....	do.	47.7	47.9	47.9	48.2
Hay.....	Ton	2.1	2.4	2.5	2.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	59.1	75.9	84.7	86.5
Cows and heifers, 2 years old and over.....	do.	6.3	6.1	5.2	4.2
Purchased feeder cattle.....	do.	46.7	63.1	73.1	76.8
Chickens.....	do.	118	92	90	91
Pigs raised.....	do.	159	187	196	209
Tractors on farm.....	do.	2.30	2.52	2.58	2.62
Total labor used.....	Hour	4,090	4,240	4,400	4,580
Operator and family.....	do.	3,560	3,690	3,830	3,980
Hired.....	do.	530	550	570	600
Total farm capital, Jan. 1.....	Dollar	75,670	87,430	94,570	98,920
Land and buildings.....	do.	50,930	59,890	64,240	66,070
Machinery and equipment.....	do.	7,600	7,790	8,000	8,380
Livestock.....	do.	11,050	13,480	15,230	16,270
Crops.....	do.	6,090	6,270	7,100	8,200
Total cash receipts.....	do.	20,821	25,299	32,071	29,031
Crops.....	do.	429	0	0	0
Cattle and calves.....	do.	13,419	16,868	23,383	20,386
Hogs.....	do.	5,746	6,741	7,154	7,131
Dairy products.....	do.	457	472	324	224
Poultry and eggs.....	do.	498	427	383	390
Other, including Government payments.....	do.	272	791	827	900
Value of perquisites.....	do.	926	1,020	1,074	1,092
Change in inventory of crops and livestock....	do.	720	-90	648	901
Gross farm income.....	do.	22,467	26,229	33,793	31,024

TABLE 20. --Hog-beef fattening farms, Corn Belt: Organization, production, cost and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	14,390	18,943	23,555	27,680
Feed purchased.....	do.	1,692	2,981	5,327	7,086
Livestock purchased.....	do.	6,667	8,904	10,670	12,341
Other livestock expense.....	do.	377	538	548	580
Fertilizer and lime.....	do.	347	420	483	542
Other crop expense.....	do.	417	450	566	627
Machinery.....	do.	2,598	2,955	3,175	3,443
Farm buildings and fences.....	do.	824	891	925	940
Labor hired.....	do.	559	623	658	702
Taxes.....	do.	712	936	945	1,144
Other.....	do.	197	245	258	275
Change in inventory of machinery and buildings	do.	-13	-107	-284	-330
Total operating expenses.....	do.	14,377	18,836	23,271	27,350
Net farm income.....	do.	8,090	7,393	10,522	3,674
Purchasing power in 1947-49 dollars.....	do.	6,893	6,213	8,696	3,011
Charge for capital at current interest rates..	do.	4,016	5,293	5,516	5,828
Return per hour, operator and family labor....	do.	1.14	.57	1.31	-.54
Charge for capital at 4.1 percent interest ² ...	do.	3,260	3,807	4,192	4,443
Return per hour, operator and family labor....	do.	1.36	.97	1.65	-.19
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	117	150	138
Net farm income.....	---	100	91	130	45
Net farm production.....	---	100	108	111	113
Crop yields per acre.....	---	100	107	111	110
Production per hour of man labor.....	---	100	104	104	101
Production per unit of input.....	---	100	95	90	86
Operating expense per unit of production....	---	100	111	119	130
Total cost per unit of production.....	---	100	106	108	116
Power and machinery (quantity).....	---	100	99	100	103
Prices received for products sold.....	---	100	95	108	92
Prices paid, including wages to hired labor.	---	100	98	96	99

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 21. --Cash grain farms, Corn Belt: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	237	254	261	289
Cropland harvested.....	do.	196	192	198	246
Crops harvested:					
Corn.....	do.	86.0	81.0	85.0	127.0
Small grains.....	do.	37.1	30.3	28.0	28.0
Soybeans.....	do.	55.4	68.0	72.0	79.0
Hay.....	do.	17.0	13.2	13.0	12.3
Crop yields per harvested acre:					
Corn for grain.....	Bushel	74.3	86.1	90.0	92.0
Oats.....	do.	41.9	61.9	58.8	63.0
Soybeans.....	do.	29.0	30.2	30.2	31.2
Hay.....	Ton	1.94	2.11	2.14	2.06
Livestock on farm, Jan. 1:					
All cattle.....	Number	18.2	17.6	16.1	13.4
Cows and heifers, 2 years old and over.....	do.	7.7	7.5	7.1	6.0
Chickens.....	do.	98	68	62	56
Pigs raised.....	do.	36.4	38.4	39.0	35.1
Tractors on farm.....	do.	2.19	2.48	2.50	2.50
Total labor used.....	Hour	3,290	3,130	3,140	3,340
Operator and family.....	do.	2,930	2,820	2,830	3,010
Hired.....	do.	360	310	310	330
Total farm capital, Jan. 1.....	Dollar	100,090	111,990	118,220	137,020
Land and buildings.....	do.	88,230	100,080	105,970	124,560
Machinery and equipment.....	do.	7,180	7,380	7,620	8,000
Livestock.....	do.	2,890	2,980	2,870	2,540
Crops.....	do.	1,790	1,550	1,760	1,920
Total cash receipts.....	do.	13,558	16,496	18,344	24,076
Crops.....	do.	10,379	12,224	13,741	19,872
Cattle and calves.....	do.	993	1,187	1,578	1,355
Hogs.....	do.	1,273	1,444	1,432	1,324
Dairy products.....	do.	267	197	122	39
Poultry and eggs.....	do.	429	320	266	234
Other, including Government payments.....	do.	217	1,124	1,205	1,252
Value of perquisites.....	do.	820	916	1,017	1,086
Change in inventory of crops and livestock.....	do.	-3	-50	-442	-581
Gross farm income.....	do.	14,375	17,362	18,919	24,581

TABLE 21. --Cash grain farms, Corn Belt: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	7,607	8,373	9,019	10,840
Feed purchased.....	do.	484	512	547	475
Livestock purchased.....	do.	40	19	20	21
Other livestock expense.....	do.	99	96	95	92
Fertilizer and lime.....	do.	889	998	1,104	1,571
Other crop expense.....	do.	489	571	654	854
Machinery.....	do.	3,024	3,215	3,604	4,642
Farm buildings and fences.....	do.	629	672	705	740
Labor hired.....	do.	354	326	336	367
Taxes.....	do.	1,480	1,788	1,752	1,857
Other.....	do.	119	176	202	221
Change in inventory of machinery and buildings	do.	62	-6	-165	-570
Total operating expenses.....	do.	7,669	8,367	8,854	10,270
Net farm income.....	do.	6,706	8,995	10,065	14,311
Purchasing power in 1947-49 dollars.....	do.	5,717	7,559	8,318	11,730
Charge for capital at current interest rates..	do.	5,307	6,311	6,669	7,741
Return per hour, operator and family labor....	do.	.48	.95	1.20	2.18
Charge for capital at 4.1 percent interest ² ...	do.	4,241	4,744	5,014	5,823
Return per hour, operator and family labor....	do.	.84	1.51	1.78	2.82
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	121	132	171
Net farm income.....	---	100	134	150	213
Net farm production.....	---	100	114	120	162
Crop yields per acre.....	---	100	117	119	123
Production per hour of man labor.....	---	100	119	126	160
Production per unit of input.....	---	100	109	109	128
Operating expense per unit of production....	---	100	111	111	97
Total cost per unit of production.....	---	100	96	96	82
Power and machinery (quantity).....	---	100	97	100	106
Prices received for products sold.....	---	100	102	105	105
Prices paid, including wages to hired labor	---	100	102	100	100

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 22.--Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	203	220	227	233
Cropland harvested.....	do.	62	68	63	65
Crops harvested:					
Cotton.....	do.	21.7	25.9	26.4	27.2
Corn.....	do.	15.2	12.6	12.3	13.3
Small grains.....	do.	16.4	20.0	14.5	14.5
Hay.....	do.	10.0	10.6	8.9	10.0
Crop yields per harvested acre:					
Cotton.....	Pound	358	350	353	407
Corn.....	Bushel	26.6	31.1	29.5	35.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.7	8.4	8.7	9.0
Milk cows.....	do.	2.2	2.2	2.2	2.2
Chickens.....	do.	50	50	50	50
Pigs raised.....	do.	4.6	3.7	3.7	3.6
Tractors on farm.....	do.	.80	1.05	1.10	1.10
Total labor used.....	Hour	4,670	4,820	4,710	5,110
Operator and family.....	do.	2,520	2,460	2,390	2,450
Hired.....	do.	1,060	1,350	1,400	1,770
Cropper.....	do.	1,090	1,010	920	890
Total farm capital, Jan. 1.....	Dollar	20,670	26,300	28,660	30,750
Land and buildings.....	do.	17,420	22,810	25,020	27,040
Machinery and equipment.....	do.	1,910	2,040	2,090	2,140
Livestock.....	do.	870	980	1,030	1,080
Crops.....	do.	470	470	520	490
Total cash receipts.....	do.	4,653	5,603	5,460	6,299
Cotton, lint and seed.....	do.	2,833	3,335	3,421	4,061
Other crops.....	do.	977	1,316	1,079	1,280
Cattle.....	do.	299	324	359	361
Other livestock and livestock products.....	do.	353	346	348	345
Other, including Government payments.....	do.	191	282	253	252
Value of perquisites.....	do.	799	792	798	789
Change in inventory of crops and livestock....	do.	29	62	-30	65
Gross farm income.....	do.	5,481	6,457	6,228	7,153

TABLE 22. --Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	3,171	3,693	3,613	4,061
Feed purchased.....	do.	114	106	107	108
Livestock expense.....	do.	47	48	48	47
Fertilizer.....	do.	599	717	675	703
Poison.....	do.	90	156	188	233
Other crop expense.....	do.	108	141	121	131
Ginning.....	do.	164	225	247	293
Machinery.....	do.	898	1,003	980	1,028
Machine work hired.....	do.	80	100	81	89
Farm buildings and fences.....	do.	136	134	134	137
Labor, hired and cropper.....	do.	807	918	878	1,126
Taxes.....	do.	95	111	119	129
Other.....	do.	33	34	35	37
Inventory adjustment, machinery and buildings.	do.	-9	-11	-19	-35
Perquisites for cropper labor.....	do.	125	109	103	90
Total operating expenses.....	do.	3,287	3,791	3,697	4,116
Net farm income.....	do.	2,194	2,666	2,531	3,037
Purchasing power in 1947-49 dollars.....	do.	1,867	2,240	2,092	2,489
Charge for capital at current interest rates..	do.	1,220	1,679	1,820	1,957
Return per hour, operator and family labor....	do.	.39	.40	.30	.44
Charge for capital at 4.1 percent interest ² ...	do.	929	1,179	1,275	1,373
Return per hour, operator and family labor....	do.	.50	.60	.53	.68
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	118	114	131
Net farm income.....	---	100	122	115	138
Net farm production.....	---	100	118	111	129
Crop yields per acre.....	---	100	108	105	120
Production per hour of man labor.....	---	100	114	110	118
Production per unit of input.....	---	100	109	105	113
Operating expense per unit of production....	---	100	98	101	97
Total cost per unit of production.....	---	100	97	103	97
Power and machinery (quantity).....	---	100	100	101	103
Prices received for products sold.....	---	100	100	103	102
Prices paid, including wages to hired labor ³	---	100	103	103	106

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ³ Includes cropper labor.

TABLE 23. --Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	58	59	59	60
Cropland harvested.....	do.	34	38	38	38
Crops harvested:					
Cotton.....	do.	15	18	18	16
Corn.....	do.	6	4	3	3
Soybeans.....	do.	11	14	15	17
Oats.....	do.	1	1	1	1
Hay.....	do.	1	1	1	1
Crop yields per harvested acre:					
Cotton.....	Pound	451	484	494	614
Corn.....	Bushel	23.0	35.1	27.1	31.9
Soybeans.....	do.	23.8	21.9	21.2	19.3
Hay.....	Ton	1.3	1.4	1.1	1.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	3.9	3.7	3.7	3.8
Milk cows.....	do.	1.2	1.0	1.0	.9
Chickens.....	do.	35	36	36	36
Pigs raised.....	do.	8.1	7.2	6.1	4.9
Tractors on farm.....	do.	.91	.96	.98	1.00
Total labor used.....	Hour	3,230	3,500	3,150	3,010
Operator and family.....	do.	2,490	2,430	2,310	2,190
Hired.....	do.	740	1,070	840	820
Total farm capital, Jan. 1.....	Dollar	12,890	13,840	14,470	15,470
Land and buildings.....	do.	9,240	10,110	10,620	11,520
Machinery and equipment.....	do.	2,950	3,080	3,150	3,250
Livestock.....	do.	490	470	510	520
Crops.....	do.	210	180	190	180
Total cash receipts.....	do.	3,483	4,265	4,280	4,961
Cotton, lint and seed.....	do.	2,508	3,164	3,186	3,790
Other crops.....	do.	488	681	701	816
Cattle and hogs.....	do.	388	322	293	260
Poultry and eggs.....	do.	71	75	73	73
Other, including Government payments.....	do.	28	23	27	22
Value of perquisites.....	do.	495	487	516	474
Change in inventory of crops and livestock....	do.	-48	2	-16	16
Gross farm income.....	do.	3,930	4,754	4,780	5,451

TABLE 23.--Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	2,175	2,720	2,755	2,863
Feed purchased.....	do.	110	106	113	101
Livestock expense.....	do.	27	23	23	23
Fertilizer and lime.....	do.	155	175	176	174
Poison.....	do.	61	79	88	95
Other crop expense.....	do.	119	143	132	144
Ginning.....	do.	216	290	298	352
Machinery.....	do.	787	987	1,063	1,085
Machine work hired.....	do.	215	278	323	352
Farm buildings and fences.....	do.	58	62	62	63
Labor hired.....	do.	327	467	364	356
Taxes.....	do.	58	70	72	75
Other.....	do.	42	40	41	43
Inventory adjustment, machinery and buildings.	do.	88	-1	-59	-78
Total operating expenses.....	do.	2,263	2,719	2,696	2,785
Net farm income.....	do.	1,667	2,035	2,084	2,666
Purchasing power in 1947-49 dollars.....	do.	1,420	1,710	1,722	2,185
Charge for capital at current interest rates..	do.	693	821	855	911
Return per hour, operator and family labor....	do.	.39	.50	.53	.80
Charge for capital at 4.1 percent interest ² ...	do.	576	627	652	694
Return per hour, operator and family labor....	do.	.44	.58	.62	.90
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	121	122	139
Net farm income.....	---	100	122	125	160
Net farm production.....	---	100	118	118	132
Crop yields per acre.....	---	100	112	109	132
Production per hour of man labor.....	---	100	109	122	142
Production per unit of input.....	---	100	106	108	118
Operating expense per unit of production....	---	100	101	100	93
Total cost per unit of production.....	---	100	95	96	89
Power and machinery (quantity).....	---	100	100	101	100
Prices received for products sold.....	---	100	103	103	106
Prices paid, including wages to hired labor.	---	100	101	103	103

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 24.--Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	1,000	1,000	1,000	1,000
Cropland harvested.....	do.	602	623	604	605
Crops harvested:					
Cotton.....	do.	219	267	266	241
Corn.....	do.	41	19	19	20
Oats.....	do.	73	41	28	20
Soybeans.....	do.	236	275	270	304
Hay.....	do.	33	21	21	20
Crop yields per harvested acre:					
Cotton.....	Pound	499	551	553	686
Corn.....	Bushel	38.5	49.9	36.9	46.9
Oats.....	do.	38.1	46.7	48.8	41.9
Soybeans.....	do.	26.0	24.1	22.8	21.2
Hay.....	Ton	1.8	2.1	1.8	1.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	81.2	76.3	75.1	77.4
Pigs raised.....	do.	32.6	28.8	24.8	19.8
Tractors on farm.....	do.	6.40	6.60	6.70	6.80
Total labor used.....	Hour	35,310	34,260	27,020	23,910
Operator and family.....	do.	3,200	3,200	3,200	3,200
Hired.....	do.	24,340	25,070	20,000	17,690
Cropper.....	do.	7,770	5,990	3,820	3,020
Total farm capital, Jan. 1.....	Dollar	196,740	214,440	233,390	249,070
Land and buildings.....	do.	156,670	174,000	190,000	204,000
Machinery and equipment.....	do.	31,220	31,390	33,300	34,670
Livestock.....	do.	6,830	7,160	8,090	8,470
Crops.....	do.	2,020	1,890	2,000	1,930
Total cash receipts.....	do.	61,277	74,555	72,968	83,742
Cotton, lint and seed.....	do.	40,943	54,114	53,931	61,904
Other crops.....	do.	14,425	15,840	14,695	17,215
Cattle and hogs.....	do.	4,659	4,224	3,884	4,210
Other livestock and livestock products.....	do.	111	48	163	159
Other, including Government payments.....	do.	1,139	329	295	254
Value of perquisites.....	do.	1,786	1,636	1,530	1,455
Change in inventory of crops and livestock.....	do.	-792	-131	2	97
Gross farm income.....	do.	62,271	76,060	74,500	85,294

TABLE 24. --Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	40,195	46,197	43,483	42,880
Feed purchased.....	do.	648	575	595	765
Livestock expense.....	do.	338	305	301	303
Fertilizer and lime.....	do.	2,795	3,001	2,882	2,595
Poison.....	do.	1,473	1,642	1,881	1,957
Other crop expense.....	do.	2,220	2,672	2,795	2,809
Ginning.....	do.	3,487	4,807	4,972	5,654
Machinery.....	do.	9,572	12,099	12,479	12,240
Machine work hired.....	do.	1,506	2,170	2,203	2,035
Farm buildings and fences.....	do.	1,118	1,310	1,350	1,365
Labor, hired and cropper.....	do.	15,512	15,809	12,162	11,234
Taxes.....	do.	1,279	1,571	1,627	1,684
Other.....	do.	247	236	236	239
Inventory adjustment, machinery and buildings.	do.	1,239	-915	-817	-506
Perquisites for cropper labor.....	do.	569	429	301	226
Total operating expenses.....	do.	42,003	45,711	42,967	42,600
Net farm income.....	do.	20,268	30,349	31,533	42,694
Purchasing power in 1947-49 dollars.....	do.	17,238	25,503	26,060	34,995
Charge for capital at current interest rates..	do.	10,996	13,068	14,036	14,854
Return to operator and family labor.....	do.	9,272	17,281	17,497	27,840
Charge for capital at 4.1 percent interest ² ...	do.	9,208	10,066	10,769	11,367
Return to operator and family labor.....	do.	11,060	20,283	20,764	31,327
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	122	120	137
Net farm income.....	---	100	150	156	211
Net farm production.....	---	100	119	116	128
Crop yields per acre.....	---	100	111	108	130
Production per hour of man labor.....	---	100	124	152	190
Production per unit of input.....	---	100	114	119	134
Operating expense per unit of production....	---	100	89	87	78
Total cost per unit of production.....	---	100	90	90	82
Power and machinery (quantity).....	---	100	101	104	105
Prices received for products sold.....	---	100	104	105	109
Prices paid, including wages to hired labor ³	---	100	104	107	108

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding. ³ Includes crop-per labor.

TABLE 25.--Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	224	261	274	286
Cropland harvested.....	do.	132	151	152	159
Crops harvested:					
Cotton.....	do.	55.2	77.6	80.6	80.4
Corn.....	do.	25.6	20.3	21.1	21.5
Oats.....	do.	12.7	20.3	15.5	15.7
Grain sorghum.....	do.	25.4	20.3	22.0	26.7
Hay and forage.....	do.	12.9	12.5	12.9	14.3
Crop yields per harvested acre:					
Cotton.....	Pound	201	161	190	240
Corn.....	Bushel	26.1	30.6	30.9	28.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	13.6	16.0	17.0	18.2
Milk cows.....	do.	1.4	1.0	1.0	1.0
Beef cows.....	do.	5.9	7.6	8.0	8.8
Chickens.....	do.	60	59	59	58
Pigs raised.....	do.	6.5	5.8	5.8	5.1
Tractors on farm.....	do.	1.62	1.89	1.98	2.05
Total labor used.....	Hour	3,260	3,060	3,200	2,790
Operator and family.....	do.	2,290	2,300	2,330	2,310
Hired.....	do.	970	760	870	480
Total farm capital, Jan. 1.....	Dollar	37,670	49,630	52,380	57,330
Land and buildings.....	do.	31,130	41,550	43,560	47,890
Machinery and equipment.....	do.	4,450	5,610	6,080	6,490
Livestock.....	do.	1,570	1,960	2,210	2,380
Crops.....	do.	520	510	530	570
Total cash receipts.....	do.	6,502	7,519	8,481	10,274
Cotton, lint and seed.....	do.	3,570	4,460	5,305	6,734
Other crops.....	do.	1,701	1,780	1,793	2,103
Cattle.....	do.	462	560	607	707
Hogs.....	do.	173	156	165	146
Other livestock and livestock products.....	do.	273	236	245	245
Other, including Government payments.....	do.	323	327	366	339
Value of perquisites.....	do.	580	576	587	581
Change in inventory of crops and livestock...	do.	79	136	176	-16
Gross farm income.....	do.	7,161	8,231	9,244	10,839

TABLE 25.--Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	4,303	4,861	5,357	5,510
Feed purchased.....	do.	160	149	153	157
Livestock expense.....	do.	53	56	56	59
Poison.....	do.	114	183	185	201
Other crop expense.....	do.	365	610	679	755
Ginning.....	do.	369	452	567	733
Machinery.....	do.	1,866	2,103	2,225	2,288
Machine work hired.....	do.	291	346	391	441
Farm buildings and fences.....	do.	207	220	246	252
Labor hired.....	do.	659	467	553	292
Taxes.....	do.	152	201	226	253
Other.....	do.	67	74	76	79
Inventory adjustment, machinery and buildings.	do.	-69	73	45	83
Total operating expenses.....	do.	4,234	4,934	5,402	5,593
Net farm income.....	do.	2,927	3,297	3,842	5,246
Purchasing power in 1947-49 dollars.....	do.	2,491	2,771	3,175	4,300
Charge for capital at current interest rates..	do.	2,033	2,835	2,994	3,263
Return per hour, operator and family labor....	do.	.39	.20	.36	.86
Charge for capital at 4.1 percent interest ² ...	do.	1,633	2,140	2,261	2,461
Return per hour, operator and family labor....	do.	.56	.50	.68	1.21
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	115	129	151
Net farm income.....	---	100	113	131	179
Net farm production...,.....	---	100	109	124	144
Crop yields per acre.....	---	100	93	102	115
Production per hour of man labor.....	---	100	116	126	168
Production per unit of input.....	---	100	98	105	118
Operating expense per unit of production....	---	100	107	103	92
Total cost per unit of production.....	---	100	108	103	93
Power and machinery (quantity).....	---	100	117	123	134
Prices received for products sold.....	---	100	106	105	108
Prices paid, including wages to hired labor.	---	100	104	105	106

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 26. --Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1963, with comparisons¹

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ²
Land in farm.....	Acre	425	484	505	527
Cropland harvested.....	do.	296	324	323	324
Crops harvested:					
Cotton.....	do.	135.3	179.4	177.6	172.0
Grain sorghum.....	do.	154.9	137.6	139.5	145.0
Forage.....	do.	5.9	6.5	6.3	6.6
Crop yields per harvested acre:					
Cotton.....	Pound	247	321	206	253
Grain sorghum.....	Cwt.	10.83	18.05	11.03	12.86
Forage.....	Ton	1.7	2.6	2.5	2.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	4.8	5.2	5.4	5.5
Milk cows.....	do.	.9	.8	.7	.7
Beef cows.....	do.	1.5	1.8	2.0	2.0
Chickens.....	do.	44	32	29	26
Pigs raised.....	do.	4.8	5.9	5.1	4.5
Tractors on farm.....	do.	1.95	2.10	2.20	2.22
Total labor used.....	Hour	4,430	6,030	4,000	4,150
Operator and family.....	do.	1,800	1,880	1,950	1,960
Hired.....	do.	2,630	4,150	2,050	2,190
Total farm capital, Jan. 1.....	Dollar	54,190	75,000	78,960	84,950
Land and buildings.....	do.	45,910	65,340	68,170	73,780
Machinery and equipment.....	do.	7,350	8,650	9,700	10,080
Livestock.....	do.	630	730	780	790
Crops.....	do.	300	280	310	300
Total cash receipts.....	do.	14,316	24,973	15,737	18,894
Cotton, lint and seed.....	do.	11,073	20,203	12,294	14,843
Other crops.....	do.	2,434	3,796	2,422	3,233
Cattle.....	do.	168	188	219	194
Hogs.....	do.	121	183	165	106
Poultry and eggs.....	do.	182	119	105	90
Other, including Government payments.....	do.	338	484	532	428
Value of perquisites.....	do.	630	624	639	639
Change in inventory of crops and livestock.....	do.	32	22	-32	51
Gross farm income.....	do.	14,978	25,619	16,344	19,584

TABLE 26.--Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1963, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ²
Total cash expenditures.....	Dollar	7,890	11,593	8,726	9,683
Feed purchased.....	do.	153	123	121	120
Livestock expense.....	do.	46	46	39	36
Poison.....	do.	35	39	27	36
Other crop expense.....	do.	267	396	383	409
Ginning.....	do.	1,083	2,183	1,416	1,719
Machinery.....	do.	3,474	4,628	4,149	4,418
Machine work hired.....	do.	327	360	304	344
Farm buildings and fences.....	do.	167	170	187	180
Labor hired.....	do.	1,984	3,197	1,625	1,917
Taxes.....	do.	288	353	374	401
Other.....	do.	66	98	101	103
Inventory adjustment, machinery and buildings.	do.	-371	-771	-131	-230
Total operating expenses.....	do.	7,519	10,822	8,595	9,453
Net farm income.....	do.	7,459	14,797	7,749	10,131
Purchasing power in 1947-49 dollars.....	do.	6,351	12,434	6,404	8,304
Charge for capital at current interest rates..	do.	2,948	4,333	4,505	4,848
Return per hour, operator and family labor....	do.	2.51	5.57	1.66	2.70
Charge for capital at 4.1 percent interest ³ ...	do.	2,370	3,283	3,399	3,659
Return per hour, operator and family labor....	do.	2.83	6.12	2.23	3.30
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	171	109	131
Net farm income.....	---	100	198	104	136
Net farm production.....	---	100	165	107	126
Crop yields per acre.....	---	100	137	88	106
Production per hour of man labor.....	---	100	121	119	134
Production per unit of input.....	---	100	127	96	107
Operating expense per unit of production....	---	100	88	108	101
Total cost per unit of production.....	---	100	85	114	105
Power and machinery (quantity).....	---	100	118	120	122
Prices received for products sold.....	---	100	105	102	105
Prices paid, including wages to hired labor.	---	100	105	106	108

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 27.--Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1963, with comparisons¹

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ²
Land in farm.....	Acre	364	407	422	438
Cropland harvested.....	do.	300	301	302	305
Crops harvested:					
Cotton: nonirrigated.....	do.	24.9	37.6	37.7	34.8
irrigated.....	do.	108.6	125.5	126.2	123.2
Grain sorghum: nonirrigated.....	do.	105.0	88.6	85.8	88.7
irrigated.....	do.	57.4	46.1	48.5	54.6
Forage.....	do.	4.6	3.5	3.4	3.6
Crop yields per harvested acre:					
Cotton: nonirrigated.....	Pound	259	321	206	253
irrigated.....	do.	513	590	591	548
Grain sorghum: nonirrigated.....	Cwt.	12.4	20.0	11.0	12.9
irrigated.....	do.	29.5	38.4	32.8	38.5
Forage.....	Ton	2.4	3.2	3.1	3.7
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.1	6.0	5.8	5.5
Milk cows.....	do.	1.1	.8	.7	.6
Chickens.....	do.	44	28	24	21
Pigs raised.....	do.	12.9	8.9	8.4	6.4
Tractors on farm.....	do.	2.38	2.52	2.60	2.62
Total labor used.....	Hour	6,040	6,480	5,760	5,720
Operator and family.....	do.	2,330	2,380	2,440	2,390
Hired.....	do.	3,710	4,100	3,320	3,330
Total farm capital, Jan. 1.....	Dollar	102,540	126,150	130,840	139,450
Land and buildings.....	do.	86,560	109,080	113,100	121,330
Machinery and equipment.....	do.	14,520	15,790	16,430	16,890
Livestock.....	do.	940	880	880	830
Crops.....	do.	520	400	430	400
Total cash receipts.....	do.	26,122	36,928	33,171	32,738
Cotton, lint and seed.....	do.	20,639	30,177	27,679	26,018
Other crops.....	do.	4,284	5,311	3,898	5,544
Cattle.....	do.	329	254	288	212
Hogs.....	do.	423	308	298	155
Poultry and eggs.....	do.	169	90	70	58
Other, including Government payments.....	do.	278	788	938	751
Value of perquisites.....	do.	891	849	840	820
Change in inventory of crops and livestock.....	do.	-95	-56	-111	48
Gross farm income.....	do.	26,918	37,721	33,900	33,606

TABLE 27.--Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1963, with comparisons¹--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ²
Total cash expenditures.....	Dollar	14,539	17,068	17,180	16,891
Feed purchased.....	do.	176	123	115	109
Livestock expense.....	do.	51	46	43	39
Poison.....	do.	163	225	298	335
Irrigation expense.....	do.	2,112	2,004	2,637	2,262
Irrigation facilities.....	do.	581	521	540	548
Other crop expense.....	do.	917	1,367	1,389	1,427
Ginning.....	do.	2,022	3,264	3,187	3,015
Machinery.....	do.	4,393	4,878	4,914	5,030
Machine work hired.....	do.	521	576	544	581
Farm buildings and fences.....	do.	211	223	228	232
Labor hired.....	do.	2,896	3,185	2,594	2,585
Taxes.....	do.	398	509	540	574
Other.....	do.	98	147	151	154
Inventory adjustment, machinery and buildings.	do.	-593	-480	-316	-322
Total operating expenses.....	do.	13,946	16,588	16,864	16,569
Net farm income.....	do.	12,972	21,133	17,036	17,037
Purchasing power in 1947-49 dollars.....	do.	11,043	17,759	14,079	13,965
Charge for capital at current interest rates..	do.	5,627	7,314	7,587	8,052
Return per hour, operator and family labor....	do.	3.15	5.81	3.87	3.76
Charge for capital at 4.1 percent interest ³ ...	do.	4,532	5,548	5,755	6,099
Return per hour, operator and family labor....	do.	3.62	6.55	4.62	4.58
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	140	126	125
Net farm income.....	---	100	163	131	131
Net farm production.....	---	100	133	122	118
Crop yields per acre.....	---	100	121	110	109
Production per hour of man labor.....	---	100	124	128	125
Production per unit of input.....	---	100	119	108	106
Operating expense per unit of production....	---	100	90	99	101
Total cost per unit of production.....	---	100	89	99	102
Power and machinery (quantity).....	---	100	102	103	103
Prices received for products sold.....	---	100	105	102	105
Prices paid, including wages to hired labor.	---	100	106	106	108

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 28.--Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	329	342	346	350
Cropland harvested.....	do.	312	322	320	322
Crops harvested:					
Cotton.....	do.	123	125	127	119
Alfalfa hay.....	do.	61	66	63	74
Potatoes.....	do.	79	80	66	73
Barley.....	do.	49	51	64	56
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	964	1,085	1,095
Alfalfa hay.....	Ton	5.0	5.0	5.1	5.5
Potatoes.....	Cwt.	294	333	320	335
Barley.....	Bushel	50.8	54.5	61.9	52.1
Total labor used.....	Hour	12,720	13,220	12,380	12,800
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	10,120	10,620	9,780	10,200
Total farm capital, Jan. 1.....	Dollar	250,160	278,360	301,060	305,450
Land and buildings.....	do.	212,030	231,790	253,060	256,090
Irrigation system.....	do.	16,620	22,940	22,940	23,380
Machinery and equipment.....	do.	21,510	23,630	25,060	25,980
Total cash receipts.....	do.	102,582	98,093	107,141	112,309
Cotton, lint and seed.....	do.	45,805	48,368	52,425	51,022
Potatoes.....	do.	46,790	39,694	43,296	45,731
Alfalfa hay.....	do.	7,464	7,029	7,101	12,259
Barley.....	do.	2,523	3,002	4,319	3,297
Value of perquisites.....	do.	678	685	685	678
Gross farm income.....	do.	103,260	98,778	107,826	112,987

TABLE 28.--Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	70,462	85,262	78,373	83,467
Labor hired.....	do.	9,728	10,350	9,722	10,109
Poison.....	do.	1,524	2,216	2,114	2,040
Fertilizer.....	do.	4,046	4,791	4,591	4,194
Other crop expense.....	do.	8,447	9,073	6,474	7,476
Operating cost of machinery.....	do.	5,251	5,934	5,423	5,651
Machinery purchased.....	do.	4,341	4,778	5,886	5,917
Machine work hired.....	do.	21,040	27,520	22,515	25,913
Ginning.....	do.	4,180	4,483	5,333	5,147
Farm buildings.....	do.	215	252	252	250
Irrigation facilities.....	do.	1,654	2,221	2,221	2,263
Irrigation water.....	do.	5,385	8,266	8,211	8,478
Taxes.....	do.	3,002	3,422	3,682	4,014
Workmen's compensation.....	do.	624	886	871	906
Other.....	do.	1,025	1,070	1,078	1,109
Inventory adjustment, machinery and buildings.	do.	-79	0	-818	-678
Total operating expenses.....	do.	70,383	85,262	77,555	82,789
Net farm income.....	do.	32,877	13,516	30,271	30,198
Purchasing power in 1947-49 dollars.....	do.	27,953	11,358	25,017	24,752
Charge for capital at current interest rates..	do.	14,049	18,542	18,352	18,660
Return to operator and family labor.....	do.	18,828	-5,026	11,919	11,538
Charge for capital at 4.1 percent interest ² ...	do.	11,773	13,253	14,137	14,383
Return to operator and family labor.....	do.	21,104	263	16,134	15,815
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	96	104	109
Net farm income.....	---	100	41	92	92
Net farm production.....	---	100	107	102	108
Crop yields per acre.....	---	100	103	106	110
Production per hour of man labor.....	---	100	103	106	107
Production per unit of input.....	---	100	97	99	99
Operating expense per unit of production....	---	100	113	109	110
Total cost per unit of production.....	---	100	112	111	111
Power and machinery (quantity).....	---	100	112	114	116
Prices received for products sold.....	---	100	90	103	102
Prices paid, including wages to hired labor.	---	100	109	109	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 29. --Medium-sized cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	329	342	346	349
Cropland harvested.....	do.	312	322	320	316
Crops harvested:					
Cotton.....	do.	133	135	136	128
Alfalfa hay.....	do.	116	123	111	113
Barley.....	do.	45	39	44	40
Corn.....	do.	18	25	29	35
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	964	1,085	1,095
Alfalfa hay.....	Ton	5.0	5.0	5.1	5.5
Barley.....	Bushel	50.8	54.5	61.9	52.1
Corn.....	do.	57.0	62.5	62.0	64.1
Total labor used.....	Hour	9,880	10,010	9,860	9,650
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	7,280	7,410	7,260	7,050
Total farm capital, Jan. 1.....	Dollar	254,920	275,530	298,290	302,180
Land and buildings.....	do.	212,030	231,880	253,150	255,550
Irrigation system.....	do.	18,490	19,210	19,210	19,570
Machinery and equipment.....	do.	24,400	24,440	25,930	27,060
Total cash receipts.....	do.	67,867	69,742	74,129	79,243
Cotton, lint and seed.....	do.	50,067	52,237	56,141	54,877
Alfalfa hay.....	do.	14,056	13,100	12,520	18,735
Barley.....	do.	2,334	2,296	2,969	2,355
Corn.....	do.	1,410	2,109	2,499	3,276
Value of perquisites.....	do.	688	692	692	689
Gross farm income.....	do.	68,555	70,434	74,821	79,932

TABLE 29.--Medium-sized cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	41,117	45,943	47,564	47,687
Labor hired.....	do.	6,951	7,118	7,165	7,014
Poison.....	do.	1,528	1,722	1,717	1,633
Fertilizer.....	do.	2,520	3,126	3,272	2,906
Other crop expense.....	do.	1,578	1,688	1,641	1,693
Operating cost of machinery.....	do.	5,192	5,641	5,707	5,756
Machinery purchased.....	do.	4,956	5,116	5,540	5,718
Machine work hired.....	do.	2,402	3,879	3,727	3,912
Ginning.....	do.	4,553	4,841	5,711	5,536
Farm buildings.....	do.	214	217	217	216
Irrigation facilities.....	do.	1,837	1,827	1,827	1,862
Irrigation water.....	do.	5,061	5,824	5,801	5,825
Taxes.....	do.	3,059	3,470	3,728	4,090
Workmen's compensation.....	do.	441	609	642	628
Other.....	do.	825	865	869	898
Inventory adjustment, machinery and buildings..	do.	-79	0	-704	-661
Total operating expenses.....	do.	41,038	45,943	46,860	47,026
Net farm income.....	do.	27,517	24,491	27,961	32,906
Purchasing power in 1947-49 dollars.....	do.	23,449	20,581	23,108	26,972
Charge for capital at current interest rates...	do.	13,992	17,941	17,860	18,082
Return to operator and family labor.....	do.	13,525	6,550	10,101	14,824
Charge for capital at 4.1 percent interest ²	do.	11,673	12,706	13,684	13,851
Return to operator and family labor.....	do.	15,844	11,785	14,277	19,055
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	103	109	117
Net farm income.....	---	100	89	102	120
Net farm production.....	---	100	98	107	106
Crop yields per acre.....	---	100	94	105	106
Production per hour of man labor.....	---	100	97	107	108
Production per unit of input.....	---	100	95	104	102
Operating expense per unit of production.....	---	100	113	106	108
Total cost per unit of production.....	---	100	113	107	109
Power and machinery (quantity).....	---	100	95	98	98
Prices received for products sold.....	---	100	105	102	111
Prices paid, including wages to hired labor..	---	100	108	111	111

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 30. --Large cotton-general crop farms, San Joaquin Valley, California:
Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	1,201	1,252	1,269	1,286
Cropland harvested.....	do.	1,007	1,056	1,040	1,020
Fallow.....	do.	70	68	100	140
Crops harvested:					
Cotton.....	do.	426	437	443	417
Alfalfa hay.....	do.	286	319	271	289
Barley.....	do.	278	281	305	292
Corn.....	do.	17	19	21	22
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	964	1,085	1,095
Alfalfa hay.....	Ton	5.0	5.0	5.1	5.5
Barley.....	Bushel	50.8	54.5	61.9	52.1
Corn.....	do.	57.0	62.5	62.0	64.1
Total labor used.....	Hour	29,110	30,350	29,740	29,160
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	26,510	27,750	27,140	26,560
Total farm capital, Jan. 1.....	Dollar	865,990	944,860	1,028,060	1,045,310
Land and buildings.....	do.	758,570	832,710	912,200	925,260
Irrigation system.....	do.	41,870	46,390	46,390	47,270
Machinery and equipment.....	do.	65,550	65,760	69,470	72,780
Total cash receipts.....	do.	211,607	221,215	235,827	245,925
Cotton, lint and seed.....	do.	161,084	169,098	182,868	178,784
Alfalfa hay.....	do.	34,774	33,974	30,570	47,891
Barley.....	do.	14,418	16,539	20,579	17,191
Corn.....	do.	1,331	1,604	1,810	2,059
Value of perquisites.....	do.	1,017	1,028	1,028	1,023
Gross farm income.....	do.	212,624	222,243	236,855	246,948

TABLE 30. --Large cotton-general crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	130,320	146,465	152,905	152,567
Labor hired.....	do.	27,764	29,183	29,393	29,016
Poison.....	do.	4,628	5,467	5,467	5,208
Fertilizer.....	do.	7,635	10,136	10,434	9,056
Other crop expense.....	do.	6,305	6,615	6,529	6,549
Operating cost of machinery.....	do.	14,967	16,941	17,091	16,943
Machinery purchased.....	do.	15,598	10,643	13,180	13,732
Machine work hired.....	do.	4,160	11,331	10,965	11,507
Ginning.....	do.	14,545	15,671	18,601	18,036
Farm buildings.....	do.	1,037	1,047	1,047	1,046
Irrigation facilities.....	do.	5,692	4,396	4,396	4,480
Irrigation water.....	do.	14,171	19,249	19,005	18,949
Taxes.....	do.	10,444	11,626	12,495	13,730
Workmen's compensation.....	do.	1,783	2,498	2,634	2,600
Other.....	do.	1,591	1,662	1,668	1,715
Inventory adjustment, machinery and buildings.	do.	-2,721	0	-1,956	-2,016
Total operating expenses.....	do.	127,599	146,465	150,949	150,551
Net farm income.....	do.	85,025	75,778	85,906	96,397
Purchasing power in 1947-49 dollars.....	do.	72,424	63,679	70,997	79,014
Charge for capital at current interest rates..	do.	47,493	61,197	61,236	62,192
Return to operator and family labor.....	do.	37,532	14,581	24,670	34,205
Charge for capital at 4.1 percent interest ² ...	do.	39,573	43,244	46,843	47,558
Return to operator and family labor.....	do.	45,452	32,534	39,063	48,839
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	105	111	116
Net farm income.....	---	100	89	101	113
Net farm production.....	---	100	99	109	105
Crop yields per acre.....	---	100	95	105	105
Production per hour of man labor.....	---	100	95	107	105
Production per unit of input.....	---	100	93	102	99
Operating expense per unit of production....	---	100	116	109	112
Total cost per unit of production.....	---	100	114	109	113
Power and machinery (quantity).....	---	100	97	99	101
Prices received for products sold.....	---	100	105	102	111
Prices paid, including wages to hired labor	---	100	107	110	110

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 31.--Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1963, with comparisons¹

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ²
Land in farm.....	Acre	159	173	180	185
Cropland harvested.....	do.	62	72	73	74
Crops harvested:					
Cotton.....	do.	9.1	15.2	16.7	16.5
Corn ³	do.	33.2	33.5	31.8	32.9
Peanuts.....	do.	17.5	22.1	23.0	23.4
Peanut hay ⁴	do.	7.3	6.9	6.6	8.3
Crop yields per harvested acre:					
Cotton.....	Pound	377	356	400	516
Corn.....	Bushel	31.1	43.3	31.6	43.4
Peanuts.....	Pound	987	1,201	1,132	1,463
Peanut hay.....	Ton	.66	.69	.77	.74
Livestock on farm, Jan. 1:					
All cattle.....	Number	9.0	10.9	12.0	13.0
Milk cows.....	do.	1.8	1.0	.8	.6
Beef cows.....	do.	2.9	4.7	5.5	6.1
Pigs raised.....	do.	43.8	50.7	48.7	51.8
Tractors on farm.....	do.	.89	1.02	1.08	1.12
Total labor used.....	Hour	3,450	3,730	3,630	3,970
Operator and family.....	do.	2,630	2,690	2,500	2,650
Hired.....	do.	820	1,040	1,130	1,320
Total farm capital, Jan. 1.....	Dollar	15,040	19,520	21,030	23,100
Land and buildings.....	do.	10,870	14,300	15,440	17,310
Machinery and equipment.....	do.	2,500	3,070	3,230	3,270
Livestock.....	do.	1,190	1,590	1,780	1,900
Crops.....	do.	480	560	580	620
Total cash receipts.....	do.	5,227	7,678	7,676	9,881
Cotton, lint and seed.....	do.	1,250	1,927	2,484	3,078
Peanuts.....	do.	1,653	2,817	2,711	3,709
Other crops.....	do.	574	908	509	992
Cattle.....	do.	323	349	438	547
Hogs.....	do.	1,101	1,451	1,278	1,321
Other livestock and livestock products.....	do.	133	28	16	16
Other, including Government payments.....	do.	193	198	240	218
Value of perquisites.....	do.	517	533	521	495
Change in inventory of crops and livestock....	do.	126	80	110	19
Gross farm income.....	do.	5,870	8,291	8,307	10,395

TABLE 31. --Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1963, with comparisons¹--Continued

Item	Unit	Average 1957-59	1961	1962	1963 ²
Total cash expenditures.....	Dollar	3,219	4,257	4,396	4,808
Feed purchased.....	do.	109	123	128	145
Livestock expense.....	do.	32	45	45	46
Seed.....	do.	284	419	478	469
Fertilizer and lime.....	do.	629	771	785	853
Poison.....	do.	94	375	378	366
Other crop expense.....	do.	15	21	23	25
Ginning.....	do.	80	149	180	230
Machinery.....	do.	1,256	1,491	1,442	1,576
Machine work hired.....	do.	185	227	247	304
Farm buildings and fences.....	do.	124	105	91	95
Labor hired.....	do.	319	413	472	566
Taxes.....	do.	77	100	108	113
Other.....	do.	15	18	19	20
Inventory adjustment, machinery and buildings.	do.	-109	-84	4	-83
Total operating expenses.....	do.	3,110	4,173	4,400	4,725
Net farm income.....	do.	2,760	4,118	3,907	5,670
Purchasing power in 1947-49 dollars.....	do.	2,352	3,460	3,227	4,648
Charge for capital at current interest rates..	do.	894	1,261	1,357	1,417
Return per hour, operator and family labor....	do.	.71	1.06	1.02	1.60
Charge for capital at 4.1 percent interest ⁵ ...	do.	708	929	999	1,094
Return per hour, operator and family labor....	do.	.78	1.19	1.16	1.73
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	141	142	177
Net farm income.....	---	100	149	141	205
Net farm production.....	---	100	141	138	178
Crop yields per acre.....	---	100	117	109	142
Production per hour of man labor.....	---	100	130	131	154
Production per unit of input.....	---	100	108	104	126
Operating expense per unit of production....	---	100	96	102	87
Total cost per unit of production.....	---	100	91	96	82
Power and machinery (quantity).....	---	100	110	110	111
Prices received for products sold.....	---	100	101	102	102
Prices paid, including wages to hired labor.	---	100	93	95	97

¹ Revised. ² Preliminary. ³ Includes corn hogged-off. ⁴ Hay saved from peanuts picked and threshed. ⁵ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 32. --Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	91	94	94	95
Cropland harvested.....	do.	39.2	35.3	32.4	34.6
Other.....	do.	51.8	58.7	61.6	60.4
Crops harvested:					
Tobacco.....	do.	7.7	8.3	8.7	8.4
Corn.....	do.	20.3	16.5	14.7	17.3
Hay.....	do.	2.6	1.2	1.2	1.5
Other crops.....	do.	8.6	9.3	7.8	7.4
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	1,955	1,970	2,058
Corn.....	Bushel	40.7	50.0	60.0	58.2
Hay.....	Ton	1.2	1.2	1.0	1.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.2	1.2	1.2	1.2
Milk cows.....	do.	.3	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.4	1.3	1.3	1.4
Tractors on farm.....	do.	1.1	1.4	1.4	1.4
Total labor used.....	Hour	5,470	6,070	6,250	6,030
Operator and family.....	do.	2,520	2,570	2,590	2,530
Hired.....	do.	2,950	3,500	3,660	3,500
Total farm capital, Jan. 1.....	Dollar	22,210	25,250	27,190	27,640
Land and buildings.....	do.	17,630	20,020	21,810	22,230
Machinery and equipment.....	do.	3,400	4,240	4,350	4,390
Livestock.....	do.	550	500	510	510
Crops.....	do.	630	490	520	510
Total cash receipts.....	do.	8,503	12,310	12,203	12,006
Tobacco.....	do.	6,831	10,323	10,031	9,855
Corn.....	do.	630	648	706	867
Other crops.....	do.	498	633	672	584
Livestock and livestock products.....	do.	512	497	525	522
Other, including Government payments.....	do.	32	209	269	178
Value of perquisites.....	do.	556	551	573	570
Change in inventory of crops and livestock....	do.	11	22	-41	5
Gross farm income.....	do.	9,070	12,883	12,735	12,581

TABLE 32. --Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	5,227	6,078	6,333	6,436
Feed purchased and other livestock expense..	do.	117	107	115	120
Crop expense.....	do.	1,375	1,661	1,700	1,762
Machinery.....	do.	1,617	1,664	1,617	1,669
Farm buildings and fences.....	do.	185	240	262	267
Hired labor.....	do.	1,751	2,191	2,402	2,370
Taxes.....	do.	124	159	169	176
Other.....	do.	58	56	68	72
Inventory adjustment, machinery and buildings.	do.	-212	-11	47	24
Total operating expenses.....	do.	5,015	6,067	6,380	6,460
Net farm income.....	do.	4,055	6,816	6,355	6,121
Purchasing power in 1947-49 dollars.....	do.	3,452	5,728	5,252	5,017
Charge for capital at current interest rates..	do.	1,351	1,672	1,799	1,828
Return per hour, operator and family labor....	do.	1.07	2.00	1.76	1.70
Charge for capital at 4.1 percent interest ² ...	do.	1,037	1,192	1,283	1,303
Return per hour, operator and family labor....	do.	1.20	2.19	1.96	1.90
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	142	140	139
Net farm income.....	---	100	168	157	151
Net farm production.....	---	100	126	132	134
Crop yields per acre.....	---	100	122	125	129
Production per hour of man labor.....	---	100	113	116	122
Production per unit of input.....	---	100	113	116	119
Operating expense per unit of production....	---	100	97	97	97
Total cost per unit of production.....	---	100	94	94	94
Power and machinery (quantity).....	---	100	111	110	110
Prices received for products sold.....	---	100	113	105	103
Prices paid, including wages to hired labor.	---	100	106	108	110

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 33. --Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	97	102	102	104
Cropland harvested.....	do.	43.8	43.9	42.3	42.5
Other land.....	do.	53.2	58.1	59.7	61.5
Crops harvested:					
Tobacco.....	do.	7.4	8.2	8.5	8.2
Cotton.....	do.	5.4	7.2	7.7	7.5
Corn.....	do.	19.3	15.4	14.4	16.1
Hay.....	do.	3.6	2.2	1.8	1.7
Other crops.....	do.	8.1	10.9	9.9	9.0
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	1,955	1,970	2,058
Cotton.....	do.	404	339	331	457
Corn.....	Bushel	40.7	50.0	60.0	58.2
Hay.....	Ton	1.2	1.2	1.0	1.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.6	1.5	1.5	1.5
Milk cows.....	do.	.5	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.3	1.2	1.2	1.3
Tractors on farm.....	do.	1.2	1.5	1.5	1.5
Total labor used.....	Hour	6,050	6,840	6,980	6,730
Operator and family.....	do.	2,620	2,740	2,720	2,650
Hired.....	do.	3,430	4,100	4,260	4,080
Total farm capital, Jan. 1.....	Dollar	23,600	27,230	29,250	29,940
Land and buildings.....	do.	18,810	21,730	23,660	24,340
Machinery and equipment.....	do.	3,560	4,480	4,630	4,660
Livestock.....	do.	580	530	490	510
Crops.....	do.	650	490	470	430
Total cash receipts.....	do.	8,895	13,120	12,884	12,982
Tobacco.....	do.	6,570	10,199	9,801	9,621
Cotton, lint and seed.....	do.	762	902	946	1,257
Corn.....	do.	607	678	806	916
Other crops.....	do.	485	727	681	599
Livestock and livestock products.....	do.	433	409	413	413
Other, including Government payments.....	do.	38	205	237	176
Value of perquisites.....	do.	593	570	595	595
Change in inventory of crops and livestock....	do.	20	-104	-15	1
Gross farm income.....	do.	9,508	13,586	13,464	13,578

TABLE 33. -- Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	5,745	6,772	6,961	7,120
Feed purchased and other livestock expense...	do.	111	97	99	106
Crop expense.....	do.	1,416	1,781	1,815	1,858
Machinery.....	do.	1,794	1,829	1,717	1,833
Farm buildings and fences.....	do.	198	261	284	292
Labor hired.....	do.	2,039	2,569	2,795	2,770
Taxes.....	do.	132	170	182	190
Other.....	do.	55	65	69	71
Inventory adjustment, machinery and buildings.	do.	-251	-43	63	45
Total operating expenses.....	do.	5,494	6,729	7,024	7,165
Net farm income.....	do.	4,014	6,857	6,440	6,413
Purchasing power in 1947-49 dollars.....	do.	3,417	5,762	5,322	5,257
Charge for capital at current interest rates...	do.	1,440	1,808	1,938	1,982
Return per hour, operator and family labor.....	do.	.98	1.84	1.66	1.67
Charge for capital at 4.1 percent interest ²	do.	1,106	1,290	1,382	1,414
Return per hour, operator and family labor.....	do.	1.11	2.03	1.86	1.89
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	143	142	143
Net farm income.....	---	100	171	160	160
Net farm production.....	---	100	127	134	138
Crop yields per acre.....	---	100	118	121	128
Production per hour of man labor.....	---	100	112	116	124
Production per unit of input.....	---	100	112	117	120
Operating expense per unit of production.....	---	100	97	96	95
Total cost per unit of production.....	---	100	94	94	93
Power and machinery (quantity).....	---	100	112	111	110
Prices received for products sold.....	---	100	112	105	103
Prices paid, including wages to hired labor..	---	100	106	108	110

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 34. --Tobacco-livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	204	214	216	217
Cropland harvested.....	do.	58	60	56	57
Pasture.....	do.	133	137	143	143
Crops harvested:					
Tobacco.....	do.	7.1	7.8	8.3	8.3
Corn for grain.....	do.	12.8	11.1	11.0	10.2
Small grains.....	do.	5.6	5.8	3.0	3.7
Alfalfa.....	do.	16.3	18.0	18.0	18.9
Other hay.....	do.	16.3	17.6	15.3	16.3
Crop yields per harvested acre:					
Tobacco.....	Pound	1,722	1,720	1,958	2,250
Corn for grain.....	Bushel	60	69	73	86
Wheat.....	do.	24	29	28	32
Alfalfa.....	Ton	2.8	2.5	2.5	3.1
Other hay.....	do.	1.4	1.5	1.5	1.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	45.9	49.8	55.4
Beef cows.....	do.	23.8	28.0	30.5	34.6
Ewes.....	do.	58.7	58.5	52.4	47.4
Brood sows.....	do.	2.8	2.8	2.8	2.9
Pigs raised.....	do.	34.4	37.2	34.8	32.0
Tractors on farm.....	do.	1.4	1.6	1.6	1.6
Total labor used.....	Hour	4,400	4,680	4,870	4,940
Operator and family.....	do.	2,630	2,810	2,920	2,960
Hired.....	do.	1,770	1,870	1,950	1,980
Total farm capital, Jan. 1.....	Dollar	90,030	100,170	102,960	106,930
Land and buildings.....	do.	77,570	86,240	88,560	91,570
Machinery and equipment.....	do.	4,650	5,180	5,300	5,420
Livestock.....	do.	5,770	6,750	7,190	7,910
Crops.....	do.	2,040	2,000	1,910	2,030
Total cash receipts.....	do.	12,810	14,313	15,117	17,116
Tobacco.....	do.	7,752	9,021	9,682	11,379
Cattle and calves.....	do.	2,783	3,056	3,289	3,859
Hogs and pigs.....	do.	739	832	769	645
Sheep and lambs.....	do.	928	848	907	855
Poultry and eggs.....	do.	31	23	15	8
Wool.....	do.	262	257	229	214
Other, including Government payments.....	do.	315	276	226	156
Value of perquisites.....	do.	1,310	1,409	1,438	1,471
Change in inventory of crops and livestock.....	do.	282	194	485	238
Gross farm income.....	do.	14,402	15,916	17,040	18,825

TABLE 34. --Tobacco-livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	7,353	8,473	9,204	9,013
Feed purchased.....	do.	345	667	1,098	741
Livestock purchased.....	do.	801	917	960	763
Other livestock expense.....	do.	167	193	188	196
Fertilizer and lime.....	do.	635	712	736	756
Other crop expense.....	do.	398	481	520	470
Machinery.....	do.	1,766	1,927	1,937	2,077
Farm buildings and fences.....	do.	801	840	830	920
Labor hired.....	do.	1,524	1,730	1,875	1,945
Taxes.....	do.	432	466	478	495
Other.....	do.	484	540	582	650
Inventory adjustment, machinery and buildings.	do.	-62	2	---	16
Total operating expenses.....	do.	7,291	8,475	9,204	9,029
Net farm income.....	do.	7,111	7,441	7,836	9,796
Purchasing power in 1947-49 dollars.....	do.	6,057	6,253	6,476	8,030
Charge for capital at current interest rates...	do.	4,622	5,643	5,813	6,026
Return per hour, operator and family labor.....	do.	.95	.64	.69	1.27
Charge for capital at 4.1 percent interest ²	do.	3,800	4,241	4,371	4,529
Return per hour, operator and family labor.....	do.	1.26	1.14	1.19	1.78
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	111	118	131
Net farm income.....	---	100	105	110	138
Net farm production.....	---	100	105	116	136
Crop yields per acre.....	---	100	101	112	129
Production per hour of man labor.....	---	100	98	105	121
Production per unit of input.....	---	100	98	105	120
Operating expense per unit of production.....	---	100	108	104	92
Total cost per unit of production.....	---	100	106	101	91
Power and machinery (quantity).....	---	100	102	103	102
Prices received for products sold.....	---	100	101	96	96
Prices paid, including wages to hired labor..	---	100	102	104	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 35. --Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	111	114	115	115
Cropland harvested.....	do.	25	24	24	23
Pasture.....	do.	42	43	43	43
Crops harvested:					
Tobacco.....	do.	2.2	2.3	2.4	2.4
Corn for grain.....	do.	8.3	6.5	5.7	4.7
Alfalfa.....	do.	7.7	8.9	8.9	9.0
Other hay.....	do.	6.5	6.7	6.7	7.0
Crop yields per harvested acre:					
Tobacco.....	Pound	1,600	1,605	1,785	2,090
Corn for grain.....	Bushel	52	60	64	70
Alfalfa.....	Ton	2.0	2.3	2.0	2.0
Other hay.....	do.	1.3	1.4	1.6	1.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	17.1	18.0	18.2	18.4
Cows and heifers, 2 years old and over.....	do.	10.2	10.2	10.2	10.5
Milk production per cow.....	Pound	5,550	5,980	6,100	6,340
Tractors on farm.....	Number	.8	1.1	1.1	1.1
Total labor used.....	Hour	3,560	3,510	3,590	3,570
Operator and family.....	do.	3,380	3,330	3,410	3,390
Hired.....	do.	180	180	180	180
Total farm capital, Jan. 1.....	Dollar	19,390	22,170	22,730	22,960
Land and buildings.....	do.	13,810	15,620	16,100	16,330
Machinery and equipment.....	do.	2,630	3,000	2,990	3,000
Livestock.....	do.	2,260	2,680	2,770	2,780
Crops.....	do.	690	870	870	850
Total cash receipts.....	do.	4,268	4,854	4,937	5,471
Tobacco.....	do.	2,204	2,481	2,528	3,046
Dairy products.....	do.	1,412	1,612	1,620	1,711
Cattle and calves.....	do.	530	625	654	627
Poultry and eggs.....	do.	67	59	51	53
Other, including Government payments.....	do.	55	77	84	34
Value of perquisites.....	do.	591	600	607	615
Change in inventory of crops and livestock.....	do.	42	41	-32	173
Gross farm income.....	do.	4,901	5,495	5,512	6,259

TABLE 35. --Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	2,571	2,524	2,618	2,932
Feed purchased.....	do.	143	155	228	382
Livestock purchased.....	do.	27	22	22	20
Other livestock expense.....	do.	70	80	80	85
Fertilizer and lime.....	do.	241	277	292	301
Other crop expense.....	do.	122	138	154	175
Machinery.....	do.	1,133	1,132	1,110	1,302
Farm buildings and fences.....	do.	381	227	221	129
Labor hired.....	do.	146	156	161	166
Taxes.....	do.	101	111	115	116
Other.....	do.	207	226	235	256
Inventory adjustment, machinery and buildings.	do.	-185	61	85	89
Total operating expenses.....	do.	2,386	2,585	2,703	3,021
Net farm income.....	do.	2,515	2,910	2,809	3,238
Purchasing power in 1947-49 dollars.....	do.	2,142	2,445	2,321	2,654
Charge for capital at current interest rates..	do.	1,489	1,279	1,314	1,338
Return per hour, operator and family labor....	do.	.30	.49	.44	.56
Charge for capital at 4.1 percent interest ² ...	do.	849	970	996	1,016
Return per hour, operator and family labor....	do.	.49	.58	.53	.66
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	112	112	128
Net farm income.....	---	100	116	112	129
Net farm production.....	---	100	107	114	128
Crop yields per acre.....	---	100	105	112	127
Production per hour of man labor.....	---	100	109	113	128
Production per unit of input.....	---	100	105	110	121
Operating expense per unit of production....	---	100	101	98	96
Total cost per unit of production.....	---	100	101	99	91
Power and machinery (quantity).....	---	100	101	98	98
Prices received for products sold.....	---	100	104	96	97
Prices paid, including wages to hired labor.	---	100	104	104	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 36.--Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	126	132	132	134
Cropland harvested.....	do.	40	42	41	41
Pasture.....	do.	72	74	75	75
Crops harvested:					
Tobacco.....	do.	2.8	3.1	3.3	3.3
Corn for grain.....	do.	8.3	8.0	7.3	7.2
Corn for silage.....	do.	4.4	4.7	4.7	4.6
Small grains.....	do.	2.8	2.8	2.0	2.2
Alfalfa.....	do.	9.8	11.5	12.0	12.1
Other hay.....	do.	11.5	12.1	11.6	11.4
Crop yields per harvested acre:					
Tobacco.....	Pound	1,730	1,705	1,952	2,176
Corn for grain.....	Bushel	59	66	77	82
Corn for silage.....	Ton	10.2	12.0	14.4	18.2
Alfalfa.....	do.	2.4	2.6	2.5	2.8
Other hay.....	do.	1.4	1.5	1.4	1.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	24.9	28.7	30.1	31.8
Cows and heifers, 2 years old and over.....	do.	15.1	16.6	17.3	18.4
Brood sows.....	do.	1.4	1.4	1.3	1.3
Pigs raised.....	do.	16.7	17.5	17.8	17.1
Milk production per cow.....	Pound	6,760	6,940	7,080	7,390
Tractors on farm.....	Number	1.0	1.4	1.4	1.4
Total labor used.....	Hour	4,400	4,690	4,800	5,000
Operator and family.....	do.	3,870	4,060	4,070	4,250
Hired.....	do.	530	630	730	750
Total farm capital, Jan. 1.....	Dollar	35,620	41,250	42,710	44,470
Land and buildings.....	do.	26,060	30,230	31,020	32,290
Machinery and equipment.....	do.	4,790	5,430	5,590	5,840
Livestock.....	do.	3,480	4,410	4,700	4,890
Crops.....	do.	1,290	1,180	1,400	1,450
Total cash receipts.....	do.	8,207	9,493	10,031	11,165
Tobacco.....	do.	3,072	3,549	3,816	4,343
Dairy products.....	do.	3,930	4,505	4,741	5,344
Cattle and calves.....	do.	718	948	987	1,034
Hogs and pigs.....	do.	354	391	396	351
Poultry and eggs.....	do.	73	49	38	39
Other, including Government payments.....	do.	60	51	53	54
Value of perquisites.....	do.	839	886	899	911
Change in inventory of crops and livestock....	do.	216	378	215	538
Gross farm income.....	do.	9,262	10,757	11,145	12,614

TABLE 36. --Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	4,820	5,741	5,823	6,557
Feed purchased.....	do.	858	1,115	973	1,319
Livestock expense.....	do.	151	176	182	221
Fertilizer and lime.....	do.	308	404	425	466
Other crop expense.....	do.	200	232	256	298
Machinery.....	do.	1,898	2,126	2,207	2,416
Farm buildings and fences.....	do.	474	596	550	540
Labor hired.....	do.	411	521	630	666
Taxes.....	do.	180	204	210	219
Other.....	do.	340	367	390	412
Inventory adjustment, machinery and buildings	do.	-105	-110	-107	-137
Total operating expenses.....	do.	4,715	5,631	5,716	6,420
Net farm income.....	do.	4,547	5,126	5,429	6,194
Purchasing power in 1947-49 dollars.....	do.	3,788	4,308	4,487	5,077
Charge for capital at current interest rates..	do.	1,895	2,407	2,489	2,614
Return per hour, operator and family labor....	do.	.69	.67	.72	.84
Charge for capital at 4.1 percent interest ² ...	do.	1,569	1,829	1,891	1,991
Return per hour, operator and family labor....	do.	.77	.81	.87	.99
INDEX NUMBERS (1957-59 =100):					
Gross farm income.....	---	100	116	120	136
Net farm income.....	---	100	113	119	136
Net farm production.....	---	100	111	124	136
Crop yields per acre.....	---	100	103	115	128
Production per hour of man labor.....	---	100	104	114	120
Production per unit of input.....	---	100	102	111	117
Operating expense per unit of production....	---	100	108	99	99
Total cost per unit of production.....	---	100	103	98	95
Power and machinery (quantity).....	---	100	104	106	109
Prices received for products sold.....	---	100	103	97	98
Prices paid, including wages to hired labor.	---	100	104	106	108

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 37. --Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	705	720	730	740
Cropland harvested.....	do.	401	288	368	384
Fallow and idle.....	do.	140	200	211	195
Failure.....	do.	20	85	2	9
Crops harvested:					
Wheat.....	do.	142.2	126.9	126.9	129.5
Other small grains.....	do.	126.2	71.1	128.7	133.6
Flaxseed.....	do.	59.4	28.3	44.2	55.1
Hay.....	do.	59.3	51.4	56.3	54.1
Crop yields per harvested acre:					
Wheat.....	Bushel	17.8	9.1	31.3	22.3
Flaxseed.....	do.	5.1	3.7	13.1	8.9
Hay.....	Ton	.9	.7	1.3	1.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	22.6	24.0	23.8	27.1
Milk cows.....	do.	5.8	4.8	4.4	3.6
Beef cows.....	do.	7.0	8.0	8.7	9.3
Chickens.....	do.	54	47	45	45
Pigs raised.....	do.	7.5	5.0	4.0	4.5
Tractors on farm.....	do.	2.17	2.30	2.30	2.30
Total labor used.....	Hour	2,840	2,490	2,660	2,540
Operator and family.....	do.	2,400	2,130	2,260	2,200
Hired.....	do.	440	360	400	340
Total farm capital, Jan. 1.....	Dollar	46,540	52,390	54,120	57,540
Land and buildings.....	do.	30,940	35,860	37,810	40,400
Machinery and equipment.....	do.	10,650	11,250	10,870	10,820
Livestock.....	do.	3,250	3,720	3,780	4,490
Crops.....	do.	1,700	1,560	1,660	1,830
Total cash receipts.....	do.	9,774	5,444	15,844	11,196
Wheat.....	do.	4,624	2,559	8,674	5,574
Other crops.....	do.	2,229	350	5,058	3,556
Livestock.....	do.	1,797	1,670	1,318	1,370
Butterfat.....	do.	526	468	414	323
Poultry and eggs.....	do.	148	133	119	131
Other, including Government payments.....	do.	450	264	261	242
Value of perquisites.....	do.	618	529	636	594
Change in inventory of crops and livestock.....	do.	-160	-278	935	594
Gross farm income.....	do.	10,232	5,695	17,415	12,384

TABLE 37. --Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1963 with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	5,862	4,729	5,585	5,976
Feed purchased.....	do.	65	57	50	54
Livestock expense.....	do.	66	69	71	98
Crop expense.....	do.	608	670	671	697
Machinery.....	do.	3,764	2,848	3,620	3,771
Farm buildings and fences.....	do.	287	50	62	279
Labor hired.....	do.	450	373	436	380
Taxes.....	do.	576	604	616	636
Other.....	do.	46	58	59	61
Inventory adjustment, machinery and buildings..	do.	-35	831	546	-156
Total operating expenses.....	do.	5,827	5,560	6,131	5,820
Net farm income.....	do.	4,405	135	11,284	6,564
Purchasing power in 1947-49 dollars.....	do.	3,754	113	9,326	5,380
Charge for capital at current interest rates...	do.	2,444	2,985	3,108	3,295
Return per hour, operator and family labor.....	do.	.82	-1.34	3.62	1.49
Charge for capital at 4.1 percent interest ²	do.	2,019	2,252	2,350	2,489
Return per hour, operator and family labor.....	do.	.99	-.99	3.95	1.85
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	56	170	121
Net farm income.....	---	100	3	256	149
Net farm production.....	---	100	43	174	130
Crop yields per acre.....	---	100	44	194	137
Production per hour of man labor.....	---	100	49	187	145
Production per unit of input.....	---	100	48	174	134
Operating expense per unit of production.....	---	100	208	60	76
Total cost per unit of production.....	---	100	212	61	79
Power and machinery (quantity).....	---	100	94	91	93
Prices received for products sold.....	---	100	123	101	94
Prices paid, including wages to hired labor..	---	100	100	103	104

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 38. --Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Land in farm.....	Acre	506	520	530	540
Cropland harvested.....	do.	339	327	285	298
Fallow.....	do.	19	33	87	87
Failure.....	do.	15	15	11	5
Crops harvested:					
Wheat.....	do.	59.4	69.0	55.3	58.5
Other small grains.....	do.	105.5	97.5	84.0	81.7
Corn.....	do.	57.9	56.1	45.7	56.7
Flaxseed.....	do.	30.8	25.1	25.0	27.5
Hay.....	do.	85.1	79.4	75.0	73.7
Crop yields per harvested acre:					
Wheat.....	Bushel	17.4	15.8	21.6	13.5
Corn.....	do.	27.0	33.3	34.0	47.3
Flaxseed.....	do.	7.4	7.9	10.5	9.0
Hay.....	Ton.	1.1	1.1	1.5	1.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	46.5	48.6	52.4	58.0
Milk cows.....	do.	6.7	5.3	5.3	5.3
Beef cows.....	do.	14.6	16.3	18.6	20.2
Chickens.....	do.	114	108	102	95
All sheep.....	do.	15	15	15	15
Pigs raised.....	do.	31	34	24	25
Tractors on farm.....	do.	2.10	2.25	2.30	2.30
Total labor used.....	Hour	3,640	3,730	3,660	3,900
Operator and family.....	do.	3,360	3,550	3,490	3,740
Hired.....	do.	280	180	170	160
Total farm capital, Jan. 1.....	Dollar	48,670	52,870	56,180	60,610
Land and buildings.....	do.	29,860	34,260	36,810	39,750
Machinery and equipment.....	do.	8,990	8,480	8,250	8,370
Livestock.....	do.	6,980	7,740	8,550	9,950
Crops.....	do.	2,840	2,390	2,570	2,540
Total cash receipts.....	do.	9,338	9,029	9,555	9,491
Wheat.....	do.	1,870	2,163	2,480	1,473
Flaxseed.....	do.	603	605	701	652
Other crops.....	do.	1,627	1,519	1,331	1,984
Livestock.....	do.	3,973	3,618	3,972	4,303
Butterfat.....	do.	584	531	551	540
Poultry and eggs.....	do.	368	353	298	319
Other, including Government payments.....	do.	313	240	222	220
Value of perquisites.....	do.	625	628	599	613
Change in inventory of crops and livestock....	do	-128	230	1,227	575
Gross farm income.....	do.	9,835	9,887	11,381	10,679

TABLE 38. --Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1963, with comparisons --Continued

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Total cash expenditures.....	Dollar	4,381	4,296	5,178	5,007
Feed purchased.....	do.	256	279	833	532
Livestock expense.....	do.	242	251	236	238
Crop expense.....	do.	459	496	528	522
Machinery purchased.....	do.	716	599	904	895
Other machinery expense.....	do.	1,409	1,527	1,532	1,633
Farm buildings and fences.....	do.	399	200	200	230
Labor hired.....	do.	231	156	153	147
Taxes.....	do.	618	723	722	738
Other.....	do.	51	65	70	72
Inventory adjustment, machinery and buildings.	do.	381	500	190	161
Total operating expenses.....	do.	4,762	4,796	5,368	5,168
Net farm income.....	do.	5,073	5,091	6,013	5,511
Purchasing power in 1947-49 dollars.....	do.	4,328	4,278	4,969	4,517
Charge for capital at current interest rates..	do.	2,517	3,204	3,177	3,425
Return per hour, operator and family labor....	do.	.76	.53	.81	.56
Charge for capital at 4.1 percent interest ³ ...	do.	2,072	2,253	2,390	2,576
Return per hour, operator and family labor....	do.	.89	.80	1.04	.78
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	101	116	109
Net farm income.....	---	100	100	118	109
Net farm production.....	---	100	94	104	104
Crop yields per acre.....	---	100	96	122	112
Production per hour of man labor.....	---	100	92	105	98
Production per unit of input.....	---	100	95	104	102
Operating expense per unit of production....	---	100	103	102	99
Total cost per unit of production.....	---	100	106	101	104
Power and machinery (quantity).....	---	100	88	87	87
Prices received for products sold.....	---	100	104	105	100
Prices paid, including wages to hired labor.	---	100	103	110	109

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 39. --Wheat-roughage-livestock farms, Northern Plains: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	795	820	830	840
Cropland harvested.....	do.	404	306	422	416
Fallow and idle.....	do.	78	175	102	100
Failure.....	do.	27	44	7	22
Pasture and other land.....	do.	286	295	299	302
Crops harvested:					
Wheat.....	do.	118.7	101.7	100.4	122.6
Other small grains.....	do.	89.8	45.4	114.8	98.3
Flaxseed.....	do.	38.9	25.8	49.9	58.6
Hay.....	do.	113.6	99.0	121.2	101.8
Crop yields per harvested acre:					
Wheat.....	Bushel	14.7	8.4	25.7	18.5
Flaxseed.....	do.	5.0	3.4	13.0	8.9
Hay.....	Ton	.7	.6	1.2	1.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	41.4	46.2	46.2	46.2
Milk cows.....	do.	6.3	5.1	4.6	3.2
Beef cows.....	do.	14.6	17.1	17.9	18.9
Chickens.....	do.	75	75	75	70
Horses and mules.....	do.	1.7	1.4	1.3	1.2
Pigs raised.....	do.	13.1	11.2	10.0	10.3
Tractors on farm.....	do.	2.20	2.20	2.22	2.22
Total labor used.....	do.	3,200	2,960	3,030	3,070
Operator and family.....	do.	2,980	2,780	2,830	2,900
Hired.....	do.	220	180	200	170
Total farm capital, Jan. 1.....	Dollar	43,700	48,870	50,490	53,720
Land and buildings.....	do.	27,360	31,330	33,170	35,600
Machinery and equipment.....	do.	8,440	8,100	7,870	7,890
Livestock.....	do.	5,590	6,970	7,150	7,600
Crops.....	do.	2,310	2,470	2,300	2,630
Total cash receipts.....	do.	8,345	5,825	13,964	10,599
Wheat.....	do.	3,079	1,546	5,219	4,223
Other crops.....	do.	1,226	232	4,469	3,023
Livestock.....	do.	2,916	3,133	3,514	2,675
Butterfat.....	do.	481	417	296	207
Poultry and eggs.....	do.	241	223	203	220
Other, including Government payments.....	do.	402	274	263	251
Value of perquisites.....	do.	553	537	552	519
Change in inventory of crops and livestock....	do.	-311	-579	608	860
Gross farm income.....	do.	8,587	5,783	15,124	11,978

TABLE 39. --Wheat-roughage-livestock farms, Northern Plains: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	4,521	4,016	5,054	4,964
Feed purchased.....	do.	129	334	119	120
Livestock expense.....	do.	119	90	115	133
Crop expense.....	do.	351	283	436	418
Machinery.....	do.	2,746	2,057	3,015	2,914
Farm buildings and fences.....	do.	333	350	414	445
Labor hired.....	do.	233	185	218	187
Taxes.....	do.	564	659	676	684
Other.....	do.	46	58	61	63
Inventory adjustment, machinery and buildings.	do.	364	376	100	-87
Total operating expenses.....	do.	4,885	4,392	5,154	4,877
Net farm income.....	do.	3,702	1,391	9,970	7,101
Purchasing power in 1947-49 dollars.....	do.	3,159	1,169	8,240	5,820
Charge for capital at current interest rates...	do.	2,274	2,812	2,886	3,051
Return per hour, operator and family labor.....	do.	.48	-.51	2.50	1.40
Charge for capital at 4.1 percent interest ²	do.	1,875	2,079	2,179	2,299
Return per hour, operator and family labor.....	do.	.61	-.25	2.75	1.66
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	67	176	139
Net farm income.....	---	100	38	269	192
Net farm production.....	---	100	60	194	152
Crop yields per acre.....	---	100	62	195	143
Production per hour of man labor.....	---	100	66	206	159
Production per unit of input.....	---	100	66	194	156
Operating expense per unit of production.....	---	100	139	53	64
Total cost per unit of production.....	---	100	145	52	66
Power and machinery (quantity).....	---	100	88	86	87
Prices received for products sold.....	---	100	110	93	91
Prices paid, including wages to hired labor..	---	100	98	105	107

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 40. --Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in farm.....	Acre	739	787	800	810
Cropland harvested.....	do.	346	356	333	334
Crops harvested:					
Wheat.....	do.	191.0	237.6	215.1	215.9
Sorghum for grain.....	do.	89.2	52.0	51.0	58.8
Sorghum for forage.....	do.	21.5	21.3	21.3	21.5
Hay.....	do.	10.4	13.1	19.5	16.4
Crop yields per harvested acre:					
Wheat.....	Bushel	20.6	23.7	24.2	18.5
Sorghum for grain.....	do.	26.8	33.1	37.1	34.7
Hay.....	Ton	2.2	2.2	2.5	2.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	39.0	49.7	56.7	60.7
Milk cows.....	do.	2.8	2.1	2.7	2.4
Beef cows.....	do.	12.7	16.0	17.8	18.5
Chickens.....	do.	67	66	66	66
Pigs raised.....	do.	4.3	5.6	5.6	5.9
Tractors on farm.....	do.	2.03	2.21	2.22	2.23
Total labor used.....	Hour	2,780	3,000	2,970	2,880
Operator and family.....	do.	2,450	2,640	2,630	2,550
Hired.....	do.	330	360	340	330
Total farm capital, Jan. 1.....	Dollar	82,960	96,320	103,580	110,320
Land and buildings.....	do.	67,120	77,910	83,200	88,290
Machinery and equipment.....	do.	9,580	10,180	10,640	11,160
Livestock.....	do.	4,690	6,230	7,520	8,280
Crops.....	do.	1,570	2,000	2,220	2,590
Total cash receipts.....	do.	12,900	15,256	17,317	13,271
Wheat.....	do.	7,170	9,743	10,218	7,123
Other crops.....	do.	2,040	1,472	1,656	1,253
Cattle.....	do.	2,254	2,949	4,180	3,868
Hogs.....	do.	92	138	202	179
Other livestock and livestock products.....	do.	532	497	585	607
Other, including Government payments.....	do.	812	457	476	241
Value of perquisites.....	do.	711	810	718	767
Change in inventory of crops and livestock.....	do.	859	1,086	750	271
Gross farm income.....	do.	14,470	17,152	18,785	14,309

TABLE 40. -- Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	5,508	6,968	7,008	6,870
Feed purchased.....	do.	329	334	383	408
Livestock expense.....	do.	407	838	791	576
Crop expense.....	do.	466	457	554	620
Machinery purchased.....	do.	1,198	1,527	1,596	1,433
Other machinery expense.....	do.	1,455	1,631	1,615	1,642
Farm buildings and fences.....	do.	594	724	495	547
Labor hired.....	do.	327	378	369	367
Taxes.....	do.	680	1,012	1,137	1,207
Other.....	do.	52	67	68	70
Inventory adjustment, machinery and buildings.	do.	-173	-509	-278	-145
Total operating expenses.....	do.	5,335	6,459	6,730	6,725
Net farm income.....	do.	9,135	10,693	12,055	7,584
Purchasing power in 1947-49 dollars.....	do.	7,774	8,986	9,963	6,216
Charge for capital at current interest rates...	do.	4,243	5,388	5,791	6,166
Return per hour, operator and family labor.....	do.	2.00	2.01	2.38	.56
Charge for capital at 4.1 percent interest ²	do.	3,484	4,039	4,341	4,621
Return per hour, operator and family labor.....	do.	2.31	2.52	2.93	1.16
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	119	130	99
Net farm income.....	---	100	117	132	83
Net farm production.....	---	100	119	119	96
Crop yields per acre.....	---	100	121	125	87
Production per hour of man labor.....	---	100	111	112	95
Production per unit of input.....	---	100	108	106	88
Operating expense per unit of production.....	---	100	94	99	121
Total cost per unit of production.....	---	100	92	97	121
Power and machinery (quantity).....	---	100	102	104	104
Prices received for products sold.....	---	100	102	113	105
Prices paid, including wages to hired labor..	---	100	105	107	109

¹ Preliminary. ² Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 41.--Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Land in farm.....	Acre	836	869	879	889
Cropland harvested.....	do.	389	375	355	356
Crops harvested:					
Wheat.....	do.	176	257	219	215
Barley.....	do.	10	16	21	2
Sorghum for grain.....	do.	171	81	87	115
Sorghum for forage.....	do.	24	13	19	14
Crop yields per harvested acre:					
Wheat.....	Bushel	20.5	28.8	21.9	13.5
Barley.....	do.	21.6	28.1	18.9	9.6
Sorghum for grain.....	do.	27.2	37.5	41.9	44.5
Sorghum for forage.....	Ton	2.2	2.3	2.6	3.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	34.8	53.7	64.7	72.5
Milk cows.....	do.	1.2	1.2	1.4	1.0
Beef cows.....	do.	9.0	8.1	12.2	16.2
Chickens.....	do.	37	26	26	26
Pigs raised.....	do.	3.9	3.9	6.5	4.9
Tractors on farm.....	do.	1.87	1.90	1.91	1.92
Total labor used.....	Hour	3,190	3,300	3,180	3,130
Operator and family.....	do.	2,700	2,820	2,700	2,650
Hired.....	do.	490	480	480	480
Total farm capital, Jan. 1.....	Dollar	95,360	109,990	118,240	125,910
Land and buildings.....	do.	81,110	92,110	97,570	103,120
Machinery and equipment.....	do.	8,900	9,980	10,640	11,100
Livestock.....	do.	4,200	6,670	8,530	9,850
Crops.....	do.	1,150	1,230	1,500	1,840
Total cash receipts.....	do.	12,063	20,019	17,829	15,161
Wheat.....	do.	6,310	13,092	9,151	4,991
Other crops.....	do.	3,759	2,608	3,042	3,898
Cattle.....	do.	1,468	2,982	4,453	5,649
Hogs.....	do.	68	86	178	197
Other livestock and livestock products.....	do.	146	134	157	83
Other, including Government payments.....	do.	312	1,117	848	343
Value of perquisites.....	do.	718	760	712	732
Change in inventory of crops and livestock.....	do.	1,250	1,613	1,340	739
Gross farm income.....	do.	14,031	22,392	19,881	16,632

TABLE 41.--Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1963, with comparisons --Continued

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Total cash expenditures.....	Dollar	7,407	10,566	10,841	10,810
Feed purchased.....	do.	132	425	417	498
Livestock expense.....	do.	1,277	2,651	2,783	2,974
Crop expense.....	do.	542	641	670	871
Machinery purchased.....	do.	1,321	1,906	1,724	1,159
Other machinery expense.....	do.	2,084	2,561	2,415	2,509
Farm buildings and fences.....	do.	529	523	863	738
Labor hired.....	do.	465	530	551	563
Taxes.....	do.	897	1,157	1,249	1,328
Other.....	do.	160	172	169	170
Inventory adjustment, machinery and buildings..	do.	-234	-515	-563	111
Total operating expenses.....	do.	7,173	10,051	10,278	10,921
Net farm income.....	do.	6,858	12,341	9,603	5,711
Purchasing power in 1947-49 dollars.....	do.	5,827	10,371	7,936	4,681
Charge for capital at current interest rates...	do.	4,860	6,153	6,606	7,038
Return per hour, operator and family labor.....	do.	.74	2.19	1.11	-.50
Charge for capital at 4.1 percent interest ³	do.	3,990	4,614	4,951	5,275
Return per hour, operator and family labor.....	do.	1.06	2.74	1.72	.16
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	160	142	119
Net farm income.....	---	100	180	140	83
Net farm production.....	---	100	143	116	99
Crop yields per acre.....	---	100	140	115	88
Production per hour of man labor.....	---	100	138	116	101
Production per unit of input.....	---	100	126	106	94
Operating expense per unit of production.....	---	100	88	106	122
Total cost per unit of production.....	---	100	81	98	111
Power and machinery (quantity).....	---	100	111	112	108
Prices received for products sold.....	---	100	101	107	99
Prices paid, including wages to hired labor..	---	100	104	105	103

¹Revised. ²Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 42.--Wheat-pea farms, Washington and Idaho: Organization, production, cost and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Land in farm.....	Acre	557	585	595	600
Cropland harvested.....	do.	371	395	394	390
Other cropland.....	do.	143	137	148	157
Crop harvested:					
Wheat.....	do.	168	174	150	178
Oats and barley.....	do.	104	101	94	81
Peas.....	do.	79	98	134	112
Hay.....	do.	19	22	16	19
Crop yields per harvested acre:					
Wheat.....	Bushel	46.8	35.8	55.1	51.4
Barley.....	do.	41.3	42.7	46.9	51.6
Peas.....	Cwt.	13.3	10.9	15.0	15.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	15.1	16.0	16.0	17.3
Milk cows.....	do.	1.8	1.4	1.2	.9
Chickens.....	do.	48	48	48	48
Pigs raised.....	do.	18	30	26	30
Tractors on farm.....	do.	2.31	2.40	2.42	2.42
Total labor used.....	Hour	3,480	3,490	3,480	3,500
Operator and family.....	do.	2,630	2,750	2,900	2,910
Hired.....	do.	850	740	580	590
Total farm capital, Jan. 1.....	Dollar	170,440	186,890	199,320	202,110
Land and buildings.....	do.	149,300	161,460	171,950	175,200
Machinery and equipment.....	do.	17,170	21,130	22,670	22,880
Livestock.....	do.	2,200	2,380	2,620	2,940
Crops.....	do.	1,770	1,920	2,080	1,090
Total cash receipts.....	do.	22,538	20,540	31,265	29,810
Wheat.....	do.	13,360	10,946	15,775	16,872
Peas.....	do.	3,853	3,912	9,770	7,630
Other crops.....	do.	3,128	3,264	3,567	2,978
Cattle.....	do.	880	1,004	785	1,007
Hogs.....	do.	560	925	931	938
Dairy products.....	do.	303	216	154	77
Other livestock and livestock products.....	do.	190	183	176	200
Other, including Government payments.....	do.	264	90	107	108
Value of perquisites.....	do.	1,043	875	896	902
Change in inventory of crops and livestock.....	do.	106	161	-995	54
Gross farm income.....	do.	23,687	21,576	31,166	30,766

TABLE 42. --Wheat-pea farms, Washington and Idaho: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Total cash expenditures.....	Dollar	9,857	11,757	12,619	13,527
Feed purchased.....	do.	345	328	343	368
Livestock expense.....	do.	104	120	70	72
Crop expense.....	do.	1,856	1,968	3,528	3,854
Machinery purchased.....	do.	1,991	3,557	2,522	2,978
Other machinery expense.....	do.	2,802	2,923	3,090	3,130
Farm buildings and fences.....	do.	428	455	495	482
Labor hired.....	do.	1,117	1,020	944	979
Taxes.....	do.	1,037	1,166	1,393	1,427
Other.....	do.	177	220	234	237
Inventory adjustment, machinery and buildings.	do.	330	-934	112	-282
Total operating expenses.....	do.	10,187	10,823	12,731	13,245
Net farm income.....	do.	13,500	10,753	18,435	17,521
Purchasing power in 1947-49 dollars.....	do.	11,510	9,036	15,236	14,361
Charge for capital at current interest rates...	do.	9,000	11,417	11,239	11,408
Return per hour, operator and family labor....	do.	1.71	-.24	2.48	2.10
Charge for capital at 4.1 percent interest ³	do.	7,181	7,866	8,448	8,579
Return per hour, operator and family labor....	do.	2.40	1.05	3.44	3.07
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	91	132	130
Net farm income.....	---	100	80	137	130
Net farm production.....	---	100	88	115	117
Crop yields per acre.....	---	100	80	116	112
Production per hour of man labor.....	---	100	88	114	116
Production per unit of input.....	---	100	84	102	101
Operating expense per unit of production....	---	100	118	102	105
Total cost per unit of production.....	---	100	119	100	102
Power and machinery (quantity).....	---	100	129	128	129
Prices received for products sold.....	---	100	103	110	107
Prices paid, including wages to hired labor..	---	100	103	99	99

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 43. --Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Land in farm.....	Acre	1,352	1,368	1,400	1,430
Cropland harvested.....	do.	477	476	411	460
Summer fallow.....	do.	445	402	442	480
Other cropland.....	do.	45	105	154	97
Crops harvested:					
Winter wheat for grain.....	do.	279	300	235	298
Spring wheat for grain.....	do.	30	20	35	14
Other small grains.....	do.	152	140	124	133
All hay.....	do.	16	16	17	14
Crop yields per harvested acre:					
All wheat.....	Bushel	32.7	24.8	35.9	31.6
Barley.....	do.	33.9	34.6	37.5	34.0
Hay.....	Ton	1.5	1.7	1.5	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	30.8	31.7	33.0	35.0
Beef cows.....	do.	13.5	14.3	14.3	15.1
Pigs raised.....	do.	9.4	10.1	11.4	11.8
Tractors on farm.....	do.	1.53	1.55	2.00	2.02
Total labor used.....	Hour	3,660	3,730	3,620	3,730
Operator and family.....	do.	2,860	3,080	3,040	3,220
Hired.....	do.	800	650	580	510
Total farm capital, Jan. 1.....	Dollar	129,780	143,680	148,760	151,770
Land and buildings.....	do.	107,620	119,020	123,200	125,300
Machinery and equipment.....	do.	16,740	19,050	19,620	19,850
Livestock.....	do.	3,670	4,290	4,560	5,120
Crops.....	do.	1,750	1,320	1,380	1,500
Total cash receipts.....	do.	24,641	20,990	24,674	24,202
Wheat.....	do.	17,900	14,659	18,760	18,612
Barley.....	do.	3,295	3,601	2,917	2,755
Other crops.....	do.	542	333	503	389
Cattle.....	do.	1,837	1,719	1,899	1,772
Hogs.....	do.	318	334	337	371
Dairy products.....	do.	61	64	63	89
Other livestock and livestock products.....	do.	105	101	86	94
Other, including Government payments.....	do.	583	179	109	120
Value of perquisites.....	do.	775	767	753	746
Change in inventory of crops and livestock....	do.	-12	162	370	14
Gross farm income.....	do.	25,404	21,919	25,797	24,962

TABLE 43.--Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961 ¹	1962 ¹	1963 ²
Total cash expenditures.....	Dollar	9,617	10,453	10,229	10,637
Feed purchased.....	do.	231	259	257	268
Livestock expense.....	do.	71	146	123	115
Crop expense.....	do.	1,739	1,845	1,798	2,063
Machinery purchased.....	do.	2,268	2,670	2,347	2,343
Other machinery expense.....	do.	2,619	2,904	2,846	2,975
Farm buildings and fences.....	do.	436	197	424	445
Labor hired.....	do.	1,248	1,054	941	830
Taxes.....	do.	924	1,288	1,397	1,498
Other.....	do.	81	90	96	100
Inventory adjustment, machinery and buildings.	do.	-10	54	59	65
Total operating expenses.....	do.	9,607	10,507	10,288	10,702
Net farm income.....	do.	15,797	11,412	15,509	14,260
Purchasing power in 1947-49 dollars.....	do.	13,474	9,590	12,817	11,689
Charge for capital at current interest rates...	do.	6,903	8,839	8,396	8,575
Return per hour, operator and family labor.....	do.	3.11	.84	2.34	1.77
Charge for capital at 4.1 percent interest ³	do.	5,522	6,109	6,313	6,451
Return per hour, operator and family labor.....	do.	3.59	1.72	3.02	2.43
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	86	102	98
Net farm income.....	---	100	72	98	90
Net farm production.....	---	100	84	97	96
Crop yields per acre.....	---	100	82	105	93
Production per hour of man labor.....	---	100	82	98	94
Production per unit of input.....	---	100	81	94	91
Operating expense per unit of production.....	---	100	130	110	115
Total cost per unit of production.....	---	100	131	113	118
Power and machinery (quantity).....	---	100	106	105	104
Prices received for products sold.....	---	100	104	106	103
Prices paid, including wages to hired labor..	---	100	106	106	106

¹ Revised. ² Preliminary. ³ Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 44. --Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in ranch.....	Acre	4,268	4,390	4,410	4,430
Cropland harvested.....	do.	265	236	250	262
Rangeland, pasture, and miscellaneous.....	do.	4,003	4,154	4,160	4,168
Crops harvested:					
Grains.....	do.	73.6	68.7	66.7	76.7
Tame hay.....	do.	81.3	76.2	69.2	72.0
Native hay.....	do.	97.8	82.0	106.6	95.9
Other crops.....	do.	11.8	9.1	7.0	17.2
Livestock on ranch, Jan. 1:					
All cattle.....	Number	135.0	141.2	129.5	142.4
Cows and heifers, 2 years old and over.....	do.	87.4	98.6	90.8	94.3
Chickens.....	do.	35	25	20	15
Horses.....	do.	3.7	3.5	3.9	4.1
Pigs raised.....	do.	11.2	10.8	11.9	11.5
Calf crop.....	Percent	84	86	86	87
Tractors on ranch.....	Number	1.23	1.21	1.21	1.21
Total labor used.....	Hour	3,940	3,650	3,720	4,020
Operator and family.....	do.	3,220	3,360	3,250	3,300
Hired.....	do.	720	290	470	720
Total ranch capital, Jan. 1.....	Dollar	75,100	83,890	83,510	89,260
Land and buildings.....	do.	46,370	50,160	50,660	52,830
Machinery and equipment.....	do.	7,890	7,850	7,830	7,730
Livestock.....	do.	18,110	21,960	21,900	25,510
Crops.....	do.	2,730	3,920	3,120	3,190
Total cash receipts.....	do.	10,258	13,932	10,554	10,086
Cattle.....	do.	7,830	11,840	8,914	7,706
Crops.....	do.	1,695	1,412	871	1,648
Other livestock and livestock products.....	do.	486	320	409	432
Other, including Government payments.....	do.	247	360	360	300
Value of perquisites.....	do.	1,054	1,073	1,091	998
Change in inventory of crops and livestock.....	do.	450	-2,600	2,454	3,933
Gross ranch income.....	do.	11,762	12,405	14,099	15,017

TABLE 44.--Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	6,271	5,979	6,382	7,277
Feed and grazing fees.....	do.	316	507	498	301
Livestock purchased.....	do.	596	534	1,015	1,665
Other livestock expense.....	do.	127	144	135	151
Crop expense.....	do.	41	32	49	65
Machinery purchased.....	do.	1,604	1,457	1,181	1,440
Other machinery expense.....	do.	1,491	1,285	1,410	1,457
Ranch buildings and fences.....	do.	357	590	450	530
Labor hired.....	do.	500	225	370	574
Taxes.....	do.	856	932	950	842
Other.....	do.	383	273	324	252
Change in inventory of machinery and buildings.	do.	242	149	465	200
Total operating expenses.....	do.	6,513	6,128	6,847	7,477
Net ranch income.....	do.	5,249	6,277	7,252	7,540
Purchasing power in 1947-49 dollars.....	do.	4,469	5,275	5,993	6,180
Charge for capital at current interest rates...	do.	3,807	4,698	4,593	4,909
Return per hour, operator and family labor.....	do.	.45	.47	.82	.80
Charge for capital at 4.1 percent interest.....	do.	3,079	3,439	3,424	3,660
Return per hour, operator and family labor.....	do.	.67	.84	1.18	1.18
INDEX NUMBERS (1957-59 = 100):					
Gross ranch income.....	---	100	105	120	128
Net ranch income.....	---	100	120	138	144
Net ranch production.....	---	100	108	99	118
Range condition.....	---	100	86	99	103
Production per hour of man labor.....	---	100	117	104	116
Production per unit of input.....	---	100	107	99	112
Operating expenses per unit of production....	---	100	87	102	93
Total cost per unit of production.....	---	100	95	105	94
Power and machinery (quantity).....	---	100	94	103	105
Prices received for products sold.....	---	100	98	116	101
Prices paid, including wages to hired labor..	---	100	94	98	98

¹ Preliminary.

TABLE 45.--Cattle ranches, Intermountain Region: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in ranch.....	Acre	1,723	1,745	1,755	1,760
Cropland harvested.....	do.	175	187	196	187
Rangeland, pasture, and miscellaneous.....	do.	1,548	1,558	1,559	1,573
Crops harvested:					
Grains.....	do.	15.1	16.4	17.2	17.9
Tame hay.....	do.	70.2	77.2	76.5	76.1
Native hay.....	do.	87.4	91.2	100.3	91.3
Other crops.....	do.	2.0	2.0	2.0	2.0
Livestock on ranch, Jan. 1:					
All cattle.....	Number	266.7	278.8	284.4	289.9
Cows and heifers, 2 years old and over.....	do.	126.9	138.8	145.2	149.5
Chickens.....	do.	40	30	25	25
Horses.....	do.	8.3	7.9	7.7	7.5
Pigs raised.....	do.	2.0	1.9	1.9	1.9
Calf crop.....	Percent	84	83	84	84
Tractors on ranch.....	Number	.81	.88	.90	.93
Total labor used.....	Hour	5,010	5,020	5,140	5,120
Operator and family.....	do.	4,000	4,000	4,000	4,000
Hired.....	do.	1,010	1,020	1,140	1,120
Total ranch capital, Jan. 1.....	Dollar	72,850	86,000	89,910	95,550
Land and buildings.....	do.	31,220	36,470	37,730	39,780
Machinery and equipment.....	do.	5,140	5,940	6,190	6,530
Livestock.....	do.	32,820	38,120	41,190	45,110
Crops.....	do.	3,670	5,470	4,800	4,130
Total cash receipts.....	do.	15,594	15,542	17,285	15,863
Cattle.....	do.	15,371	15,319	17,100	15,687
Other livestock and livestock products.....	do.	97	47	41	30
Other, including Government payments.....	do.	126	176	144	146
Value of perquisites.....	do.	778	817	834	836
Change in inventory of crops and livestock....	do.	1,153	470	910	761
Gross ranch income.....	do.	17,525	16,829	19,029	17,460

TABLE 45. --Cattle ranches, Intermountain Region: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	6,187	7,044	7,322	7,821
Feed and grazing fees.....	do.	613	842	818	1,269
Livestock purchased.....	do.	464	477	507	431
Other livestock expense.....	do.	92	101	104	108
Crop expense.....	do.	87	93	114	127
Machinery purchased.....	do.	1,168	1,466	1,492	1,518
Other machinery expense.....	do.	1,283	1,366	1,386	1,379
Ranch buildings and fences.....	do.	217	230	235	240
Labor hired.....	do.	933	989	1,151	1,148
Taxes.....	do.	1,196	1,344	1,376	1,460
Other.....	do.	134	136	139	141
 Inventory adjustment, machinery and buildings.	do.	-71	-213	-229	-199
 Total operating expenses.....	do.	6,116	6,831	7,093	7,622
 Net ranch income.....	do.	11,409	9,998	11,936	9,838
Purchasing power in 1947-49 dollars.....	do.	9,711	8,402	9,864	8,064
 Charge for capital at current interest rates..	do.	3,682	5,160	4,945	5,255
Return per hour, operator and family labor....	do.	1.93	1.21	1.75	1.15
 Charge for capital at 4.1 percent interest....	do.	2,987	3,526	3,686	3,918
Return per hour, operator and family labor....	do.	2.11	1.62	2.06	1.48
 INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	96	109	100
Net ranch income.....	---	100	88	105	86
 Net ranch production:.....	---	100	97	104	102
Range condition.....	---	100	94	101	101
 Production per hour of man labor.....	---	100	96	102	100
Production per unit of input.....	---	100	94	100	97
 Operating expense per unit of production....	---	100	115	111	119
Total cost per unit of production.....	---	100	114	111	117
Power and machinery (quantity).....	---	100	112	115	118
 Prices received for products sold.....	---	100	98	104	95
Prices paid, including wages to hired labor.	---	100	107	109	110

¹ Preliminary.

TABLE 46. --Cattle ranches, Southwest: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in ranch.....	Acre	11,070	11,210	11,250	11,300
Cropland harvested.....	do.	18	10	9	11
Rangeland, pasture, and miscellaneous.....	do.	11,052	11,200	11,241	11,289
Livestock on ranch, Jan. 1:					
All cattle.....	Number	197.0	227.6	232.2	235.9
Cows and heifers, 2 years old and over.....	do.	138.1	140.4	150.7	153.7
Chickens.....	do.	22	25	15	10
Horses.....	do.	5.7	5.4	6.0	6.3
Pigs raised.....	do.	1.8	4.0	1.3	.1
Calf crop.....	Percent	79	83	82	81
Tractors on ranch.....	Number	.48	.50	.49	.48
Total labor used.....	Hour	3,450	3,590	3,690	3,750
Operator and family.....	do.	2,520	2,350	2,420	2,700
Hired.....	do.	930	1,240	1,270	1,050
Total ranch capital, Jan. 1.....	Dollar	141,700	160,700	164,700	179,190
Land and buildings.....	do.	112,160	125,790	126,640	139,390
Machinery and equipment.....	do.	3,780	4,490	4,830	5,330
Livestock.....	do.	24,620	28,700	31,510	32,860
Crops.....	do.	1,140	1,720	1,720	1,610
Total cash receipts.....	do.	13,198	15,245	16,296	12,525
Cattle.....	do.	12,737	14,776	15,796	11,893
Other livestock and livestock products.....	do.	171	149	130	342
Other, including Government payments.....	do.	290	320	370	290
Value of perquisites.....	do.	1,071	1,120	1,057	895
Change in inventory of crops and livestock....	do.	1,509	960	540	1,916
Gross ranch income.....	do.	15,778	17,325	17,893	15,336

TABLE 46. --Cattle ranches, Southwest: Organization, production, costs, and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	8,033	9,689	10,528	10,410
Feed and grazing fees.....	do.	1,029	1,429	1,198	2,135
Livestock purchased.....	do.	2,189	2,059	2,544	2,125
Other livestock expense.....	do.	121	139	151	158
Crop expense.....	do.	11	13	7	10
Machinery purchased.....	do.	1,126	1,422	1,583	1,315
Other machinery expense.....	do.	1,303	1,334	1,346	1,374
Ranch buildings and fences.....	do.	431	1,000	1,300	900
Labor hired.....	do.	535	789	851	742
Taxes.....	do.	888	1,006	1,041	1,147
Other.....	do.	400	498	507	504
Change in inventory of machinery and buildings.	do.	226	-531	-872	-155
Total operating expenses.....	do.	8,259	9,158	9,656	10,255
Net ranch income.....	do.	7,519	8,167	8,237	5,081
Purchasing power in 1947-49 dollars.....	do.	6,394	6,863	6,807	4,165
Charge for capital at current interest rates...	do.	7,191	8,999	9,058	9,855
Return per hour, operator and family labor.....	do.	.13	-.35	-.34	-1.77
Charge for capital at 4.1 percent interest.....	do.	5,810	6,589	6,753	7,347
Return per hour, operator and family labor.....	do.	.68	.67	.61	-.84
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	110	113	97
Net ranch income.....	---	100	109	110	68
Net ranch production.....	---	100	116	116	98
Range condition.....	---	100	100	97	93
Production per hour of man labor.....	---	100	112	108	90
Production per unit of input.....	---	100	110	108	94
Operating expense per unit of production.....	---	100	98	104	121
Total cost per unit of production.....	---	100	98	103	123
Power and machinery (quantity).....	---	100	119	128	131
Prices received for products sold.....	---	100	97	102	95
Prices paid, including wages to hired labor..	---	100	107	110	111

¹ Preliminary.

TABLE 47.-- Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in ranch.....	Acre	6,303	6,674	6,638	6,700
Cropland harvested.....	do.	226	197	214	218
Rangeland, pasture, and miscellaneous.....	do.	6,077	6,477	6,424	6,482
Crops harvested:					
Grains.....	do.	76.9	66.4	66.5	72.5
Tame hay.....	do.	43.1	41.7	35.4	37.9
Native hay.....	do.	98.4	82.6	107.4	96.9
Other crops.....	do.	7.8	6.4	4.6	10.4
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,258	1,362	1,294	1,396
Breeding ewes.....	do.	1,060	1,196	1,137	1,193
All cattle.....	do.	20.8	26.5	25.1	27.6
Chickens.....	do.	35	25	20	18
Horses.....	do.	3.3	3.4	3.6	3.8
Pigs raised.....	do.	7.9	5.0	4.9	5.9
Lamb crop.....	Percent	86	87	87	89
Tractors on ranch.....	Number	1.29	1.22	1.22	1.22
Total labor used.....	Hour	8,210	7,190	7,020	7,480
Operator and family.....	do.	3,940	4,020	3,600	3,580
Hired.....	do.	4,270	3,170	3,420	3,900
Total ranch capital, Jan. 1.....	Dollar	92,430	97,100	95,350	100,850
Land and buildings.....	do.	58,890	65,020	66,020	67,200
Machinery and equipment.....	do.	7,000	6,670	6,660	6,730
Livestock.....	do.	24,970	23,970	21,520	25,480
Crops.....	do.	1,570	1,440	1,150	1,440
Total cash receipts.....	do.	21,081	20,411	22,154	25,718
Sheep.....	do.	11,204	9,731	11,675	14,397
Wool.....	do.	5,300	5,378	5,850	6,844
Wool payments.....	do.	2,329	2,732	2,013	2,206
Cattle.....	do.	961	1,624	1,516	826
Other livestock and livestock products.....	do.	411	212	229	317
Crops.....	do.	576	434	571	828
Other, including Government payments.....	do.	300	300	300	300
Value of perquisites.....	do.	975	967	1,012	942
Change in inventory of crops and livestock....	do.	1,258	-1,110	2,316	496
Gross ranch income.....	do.	23,314	20,268	25,482	27,156

TABLE 47. --Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	12,586	13,739	15,615	14,949
Feed and grazing fees.....	do.	1,882	4,316	3,984	2,950
Livestock purchased.....	do.	1,033	583	1,966	1,436
Other livestock expense.....	do.	239	280	268	293
Crop expense.....	do.	14	16	15	29
Machinery purchased.....	do.	1,570	1,219	1,657	1,678
Other machinery expense.....	do.	1,491	1,325	1,409	1,429
Ranch buildings and fences.....	do.	522	869	970	1,180
Labor hired.....	do.	3,432	2,913	3,039	3,499
Taxes.....	do.	1,228	1,228	1,237	1,262
Other.....	do.	1,175	990	1,070	1,193
Change in inventory of machinery and buildings.	do.	125	-4	-537	-754
Total operating expenses.....	do.	12,711	13,735	15,078	14,195
Net ranch income.....	do.	10,603	6,533	10,404	12,961
Purchasing power in 1947-49 dollars.....	do.	9,037	5,490	8,598	10,624
Charge for capital at current interest rates...	do.	4,694	5,438	5,244	5,547
Return per hour, operator and family labor.....	do.	1.50	.27	1.43	2.07
Charge for capital at 4.1 percent interest.....	do.	3,790	3,981	3,909	4,135
Return per hour, operator and family labor.....	do.	1.73	.63	1.80	2.47
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	87	109	116
Net ranch income.....	---	100	62	98	122
Net ranch production.....	---	100	91	103	123
Range condition.....	---	100	86	99	103
Production per hour of man labor.....	---	100	104	120	135
Production per unit of input.....	---	100	93	102	119
Operating expense per unit of production.....	---	100	108	103	90
Total cost per unit of production.....	---	100	108	98	88
Power and machinery (quantity).....	---	100	95	101	102
Prices received for products sold.....	---	100	81	97	95
Prices paid, including wages to hired labor..	---	100	98	98	104

¹ Preliminary.

TABLE 48. --Sheep ranches, Southwest: Organization, production, costs and returns, 1963, with comparisons

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Land in ranch.....	Acre	13,365	13,460	13,510	13,520
Cropland harvested.....	do.	20	10	10	14
Rangeland, pasture, and miscellaneous.....	do.	13,345	13,450	13,500	13,506
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,255	1,496	1,309	1,256
Breeding ewes.....	do.	977	1,200	1,018	1,016
All cattle.....	do.	32.2	40.2	41.5	42.3
Goats.....	do.	90.7	105.8	107.2	107.7
Horses.....	do.	7.5	7.3	7.5	7.7
Chickens.....	do.	20	25	15	10
Lamb crop.....	Percent	76	81	77	77
Tractors on ranch.....	Number	.40	.41	.41	.41
Total labor used.....	Hour	5,360	6,100	5,540	5,410
Operator and family.....	do.	2,630	2,550	2,620	2,700
Hired.....	do.	2,730	3,550	2,920	2,710
Total ranch capital, Jan. 1.....	Dollar	191,660	205,320	209,460	219,460
Land and buildings.....	do.	163,310	174,910	181,330	192,410
Machinery and equipment.....	do.	4,720	4,510	4,720	5,000
Livestock.....	do.	22,720	24,380	22,660	21,430
Crops.....	do.	910	1,520	750	620
Total cash receipts.....	do.	19,278	23,395	20,158	18,405
Sheep and lambs.....	do.	9,220	10,079	8,875	7,817
Wool.....	do.	5,020	6,393	5,713	5,577
Wool payments.....	do.	2,239	3,046	1,859	1,633
Other livestock and livestock products.....	do.	2,527	3,587	3,401	3,178
Other, including Government payments.....	do.	272	290	310	200
Value of perquisites.....	do.	905	941	885	830
Change in inventory of crops and livestock.....	do.	1,143	-2,360	-523	167
Gross ranch income.....	do.	21,326	21,976	20,520	19,402

TABLE 48. --Sheep ranches, Southwest: Organization, production, costs and returns, 1963, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1961	1962	1963 ¹
Total cash expenditures.....	Dollar	10,600	11,578	11,772	12,311
Feed and grazing fees.....	do.	1,649	1,862	1,888	2,902
Livestock purchased.....	do.	2,156	1,674	1,785	1,542
Other livestock expense.....	do.	264	459	417	454
Crop expense.....	do.	13	9	8	11
Machinery purchased.....	do.	986	1,072	1,244	1,003
Other machinery expense.....	do.	1,285	1,389	1,387	1,419
Ranch buildings and fences.....	do.	514	330	450	380
Labor hired.....	do.	1,876	2,701	2,552	2,503
Taxes.....	do.	1,094	1,163	1,209	1,287
Other.....	do.	763	919	832	810
Change in inventory of machinery and buildings.	do.	1,251	1,185	893	1,165
Total operating expenses.....	do.	11,851	12,763	12,665	13,476
Net ranch income.....	do.	9,475	9,213	7,855	5,926
Purchasing power in 1947-49 dollars.....	do.	8,061	7,742	6,492	4,857
Charge for capital at current interest rates...	do.	9,727	11,498	11,520	12,070
Return per hour, operator and family labor.....	do.	-.10	-.90	-1.40	-2.28
Charge for capital at 4.1 percent interest.....	do.	7,858	8,418	8,588	8,998
Return per hour, operator and family labor.....	do.	.61	.31	-.28	-1.14
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	103	96	91
Net ranch income.....	---	100	97	83	63
Net ranch production.....	---	100	115	102	95
Range condition.....	---	100	100	97	93
Production per hour of man labor.....	---	100	101	99	94
Production per unit of input.....	---	100	108	101	96
Operating expense per unit of production.....	---	100	96	102	115
Total cost per unit of production.....	---	100	96	104	116
Power and machinery (quantity).....	---	100	95	103	103
Prices received for products sold.....	---	100	86	92	93
Prices paid, including wages to hired labor..	---	100	105	103	113

¹ Preliminary.



